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THE

VOYAGE OF H.M.S. CHALLENGER.

ZOOLOGY—VOL. XXIX.

PLATES.

REPORT

ON THE

SCIENTIFIC RESULTS

OF THE

VOYAGE OF H.M.S. CHALLENGER

DURING THE YEARS 1873-76

UNDER THE COMMAND OF

CAPTAIN GEORGE S. NARES, R.N., F.R.S.

AND THE LATE

CAPTAIN FRANK TOURLE THOMSON, R.N.

14628

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PLATES

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REPORT on the AMPHIPODA collected by H.M.S. CHALLENGER during the years 1873–1876.

By Rev. THOMAS R. R. STEBBING, M.A.

PLATES.

EDITORIAL NOTE.

THE collections of AMPHIPODA procured in the trawls, dredges, and tow-nets during the voyage of H.M.S. Challenger were placed in the hands of the Rev. Thomas R. R. Stebbing for examination and description in the summer of 1882. From not long after that date up to the present time Mr. Stebbing has been almost exclusively occupied in the work connected with the preparation of this extensive and valuable Report, which will be welcomed by all students of the Crustacea.

There is the same uncertainty connected with the Amphipoda as with several other groups of animals taken in the trawls and tow-nets, as to the depths at which the specimens were captured. Some were undoubtedly taken at or near the bottom, while others were as certainly taken in the surface and subsurface waters, but with others again there is a great deal of doubt. Although a record of the depths to which the nets were let down was attached to the specimens, the naturalists of the Expedition did not intend to convey the impression that the specimens necessarily came from the depths indicated.

This Report, which forms part LXVII. and Volume XXIX. of the Zoological Series of Reports, consists of 1774 pages of letterpress, with 212 Plates and a Map. The whole is bound up in three separate portions, two of letterpress and one of Plates.

The first Instalment of the Manuscript was received by me on the 5th December 1885, and the last on the 30th November 1888.

JOHN MURRAY.

CHALLENGER OFFICE, 32 QUEEN STREET,
EDINBURGH, *December* 5, 1888.

EXPLANATION OF THE PLATES.

The lettering is uniform throughout the Plates, and is based on the initial letters of the words indicated :—

C. Cephalon.
oc. Ocelli, parts of the compound eye.
a.s. Antenna superior, upper antenna.
a.i. Antenna inferior, lower antenna.
g.c. Gland-cone.
ep. Epistome.
l.s. Labium superius, labrum, upper lip.
l.i. Labium inferius, lower lip.
m. Mandible.
mx.^{1}. First maxilla.
mx.^{2}. Second maxilla.
mxp. Maxillipeds.
Org. trit. or *o.t.* Triturating organs of the stomach.
c. Cor, the heart.
gn.^{1}. First gnathopod.
gn.^{2}. Second gnathopod.
prp.$^{1, 2, 3, 4, 5}$. First, second, third, fourth, and fifth peræopods.
Pl.s. Pleon-segment.
plp.$^{1, 2, 3}$. First, second, and third pleopods.
plp.sp. Coupling-spines or cleft-spines of the pleopods.
ur.$^{1, 2, 3}$. First, second, and third uropods.
T. Telson.
♂ male, ♀ female, ~ young.

As a rule in each species all the figures of the same group, as for example the mouth organs or the limbs of the peræon, are drawn to the same scale, though the different groups are frequently drawn to different scales. The linear magnifying powers of the microscope used are stated by the makers to be nearly as follows :—

"2-inch Object-glass, with No. 1 Eye-piece, 24 ; with No. 2 do., 40.
1-inch do. do. do. 55 ; do. 100.
¼-inch do. do. do. 200 ; do. 350."

The outlines of the undissected specimen represent it as seen in liquid under a low magnifying power, the appendages of only one side of the animal being figured, and the pleopods being generally omitted altogether.

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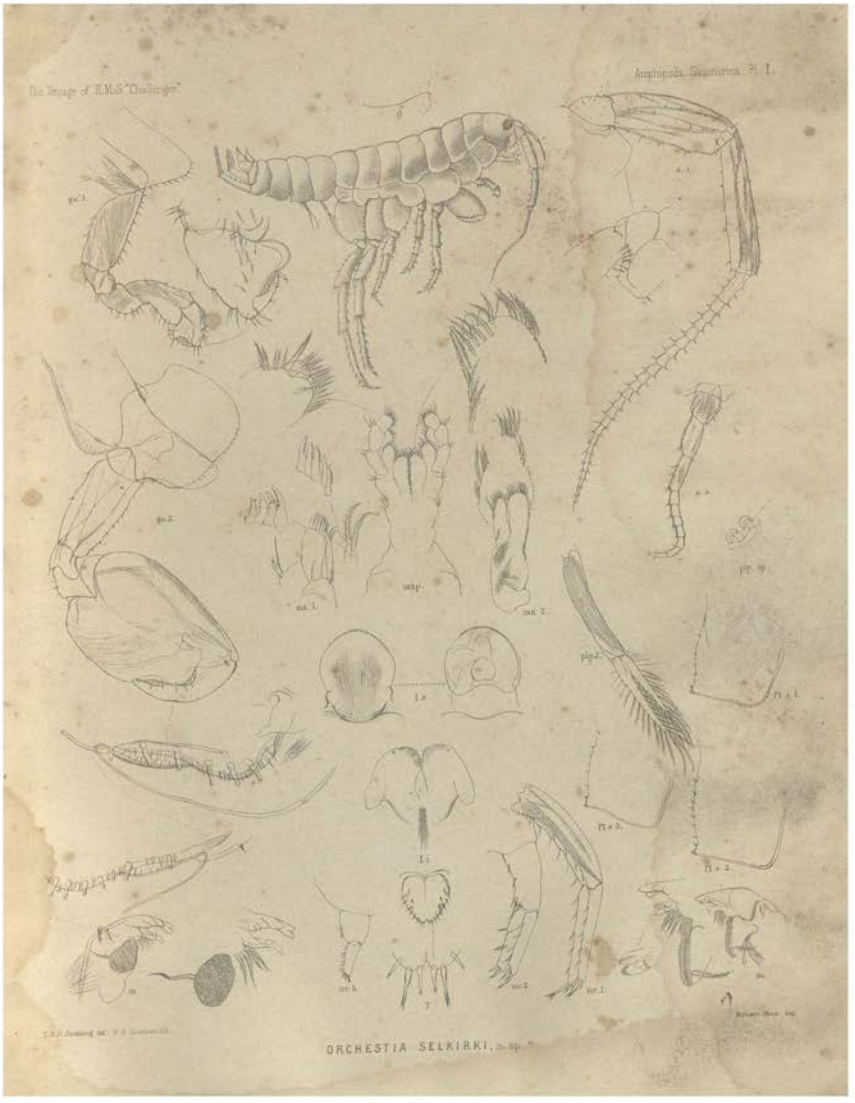
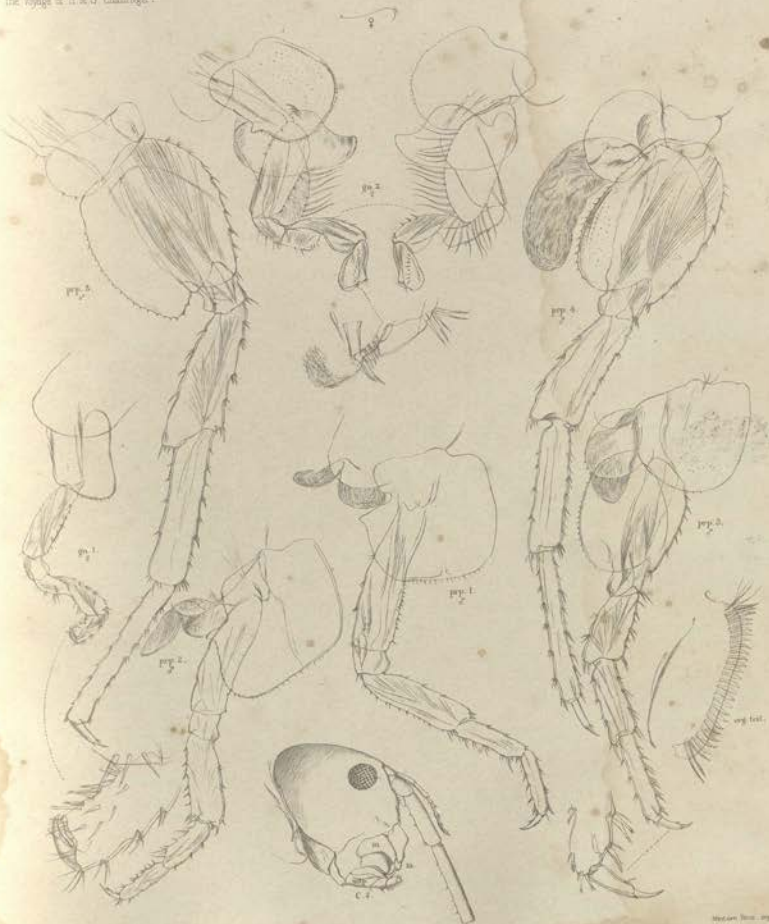
„ „ E. *Paralycæa hoylei*, n. sp., Mid Atlantic, ... 1570

MAP showing the distribution of the CHALLENGER AMPHIPODA according to Families.

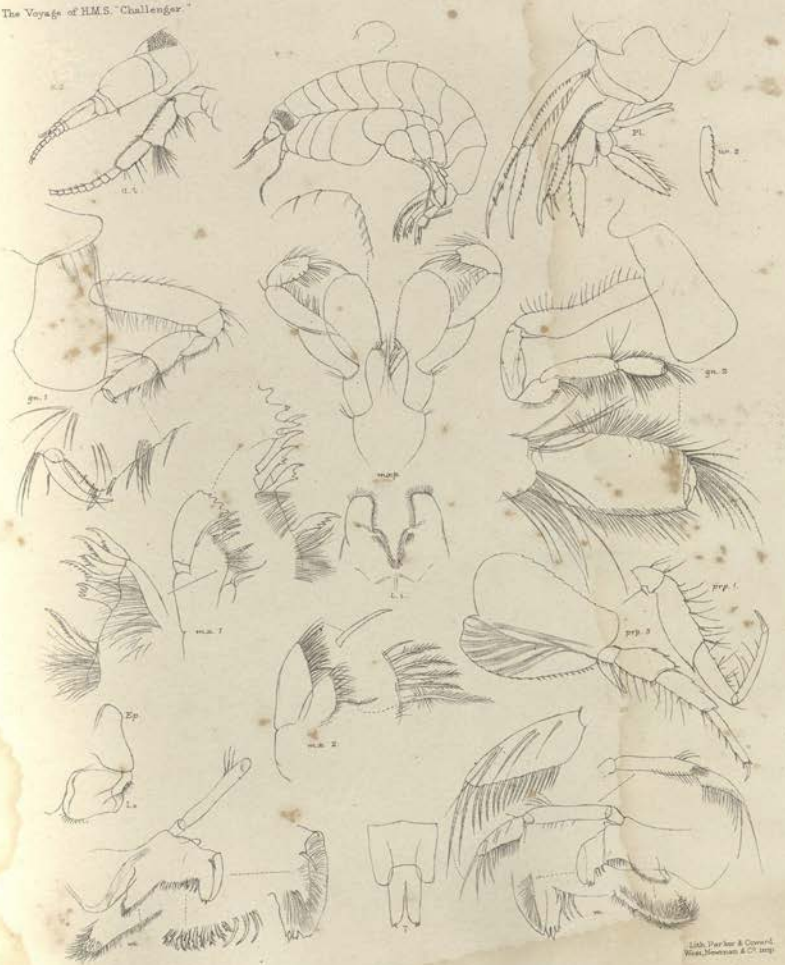


ORCHESTIA SELKIRKI, n. sp.



T. H. R. Stebbing, del. T. E. Michael, lith. Mintern Bros. imp.

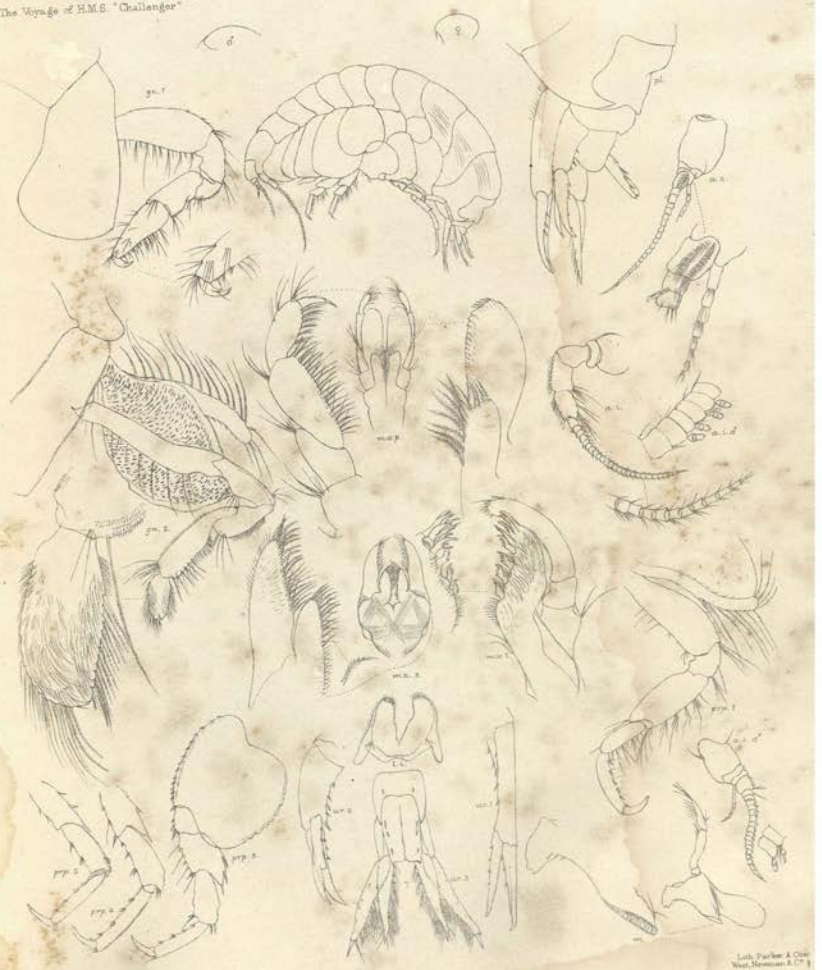
ORCHESTIA SELKIRKI, n. sp.



T.R.R. Stebbing del.

Lith. Parker & Coward, West Newman & Co. imp.

ANONYX AMPULLOIDES, Stimpson & Bate.



T.R.R. Stebbing del.

Lith. Parker & Coe
West, Newman & Co.

ANONYX CICADOIDES. n. sp.

T.R.R. Stebbing del.

ANONYX CICADOIDES, n. sp.

Lith. Parker & Coward. West, Newman & Co. imp.

C.H.R. Stebbing del.

TRYPHOSA ANTENNIPOTENS, n. sp.

Lith. Pardon & Cowell.
Mintr. Waterlow & Co. Limited.

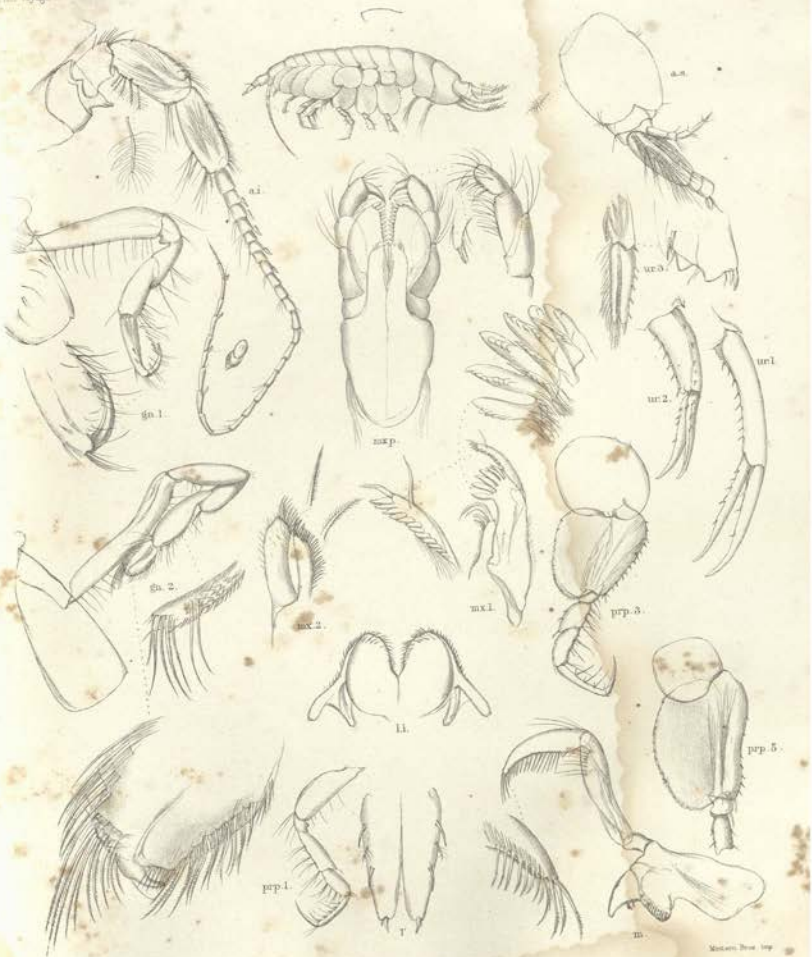
TRYPHOSA BARBATIPES, n. sp.

J.R.R. Stebbing del. F.R. Michael lith.

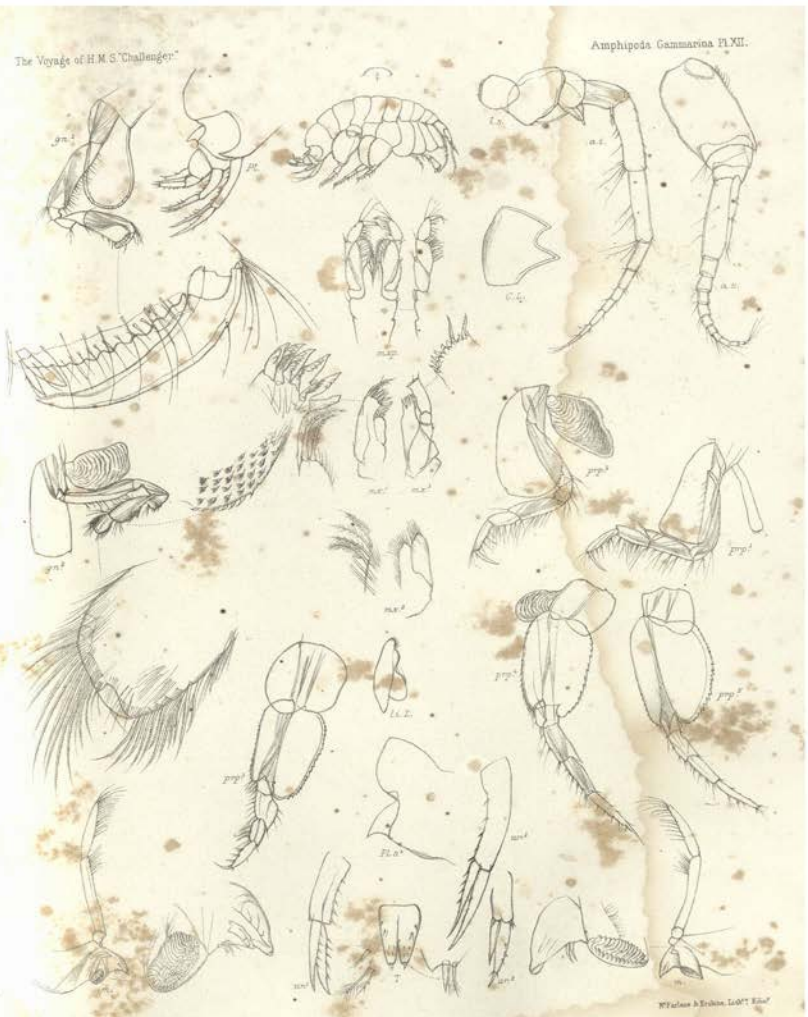
HIPPOMEDON KERGUELENI, Miers.

HIPPOMEDON TRIGONICUS, n. sp.

HIPPOMEDON MIERSI, n. sp.



HIPPOMEDON GEELONGI, n. sp.

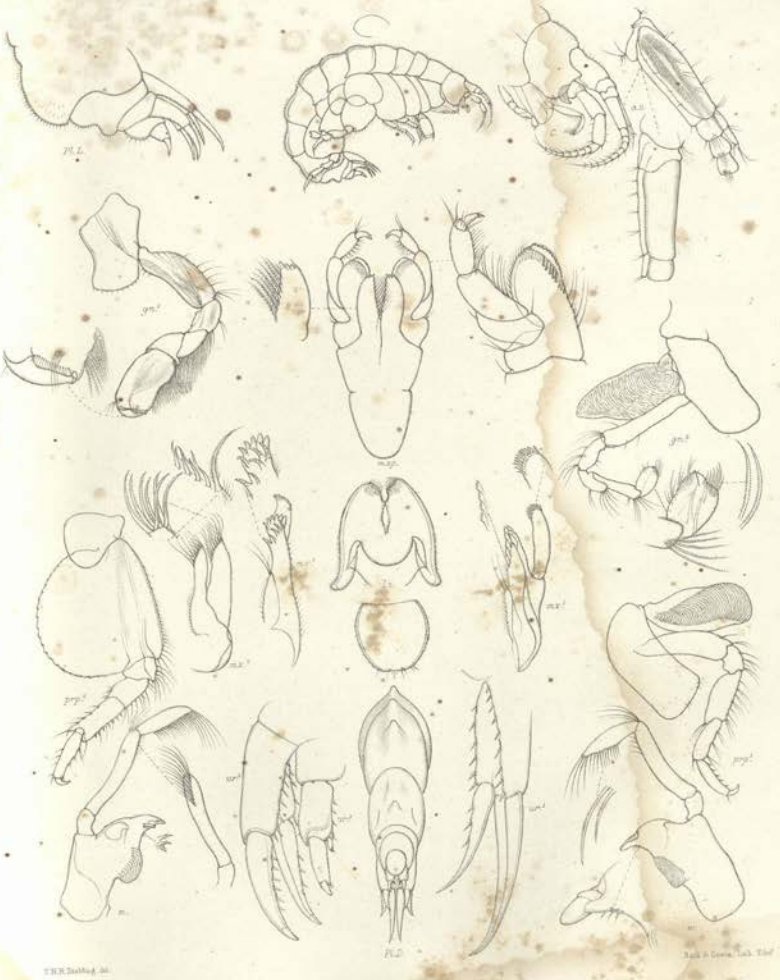


T.R.N. Seebohm, del.

W.H. Lizars & Erskine, Lith.rs Edin.r

CHEIRIMEDON CRENATIPALMATUS, n. g. et sp.

PLATAMON LONGIMANUS, n. g. et. sp.



ONESIMOIDES CARINATUS. sp. nov.

SOPHROSYNE MURRAYI, n. g. et sp.

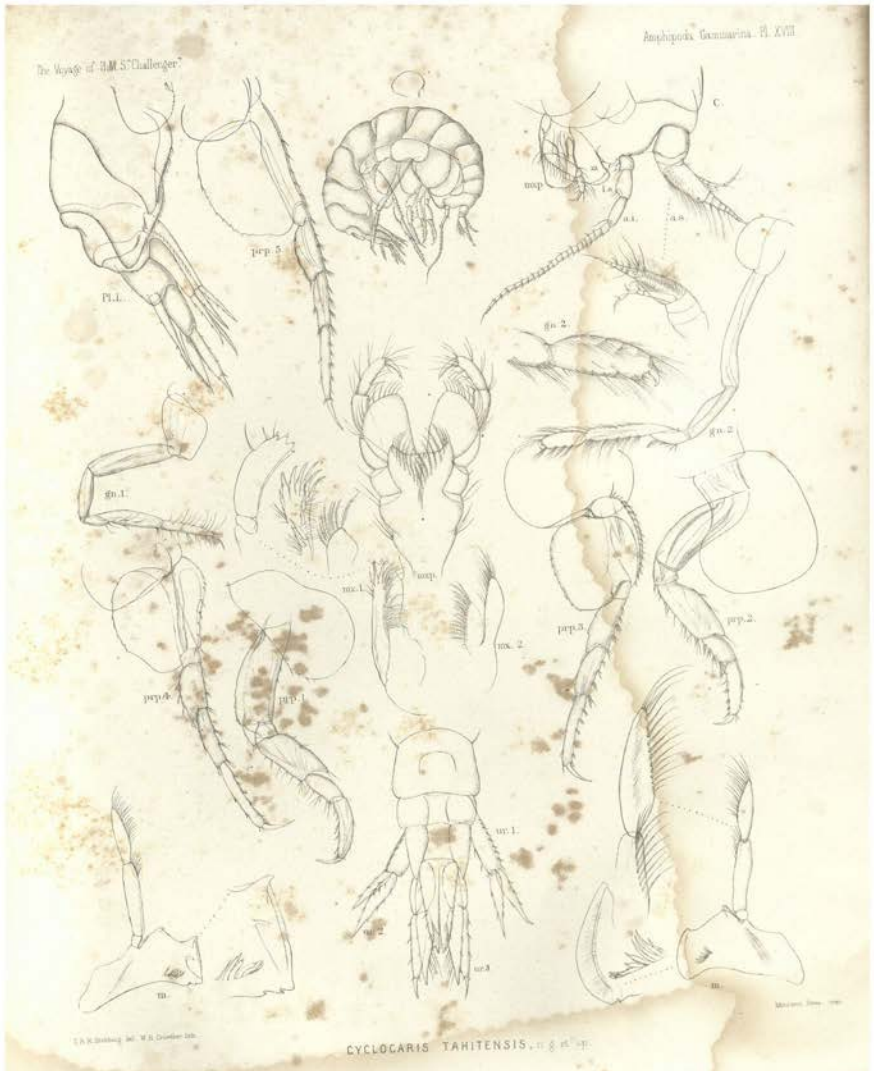
KERGUELENIA COMPACTA, n. g. et sp.

CYPHOCARIS MICRONYX, n. sp.

T.H.R. Stebbing del.

P. Hoth. Lith. Edin.

CYPHOCARIS CHALLENGERI, n. sp.



CYCLOCARIS TAHITENSIS, n. g. et sp.

EUONYX NORMANI, n. sp.

T.R.R. Stebbing del.

ORCHOMENE, MUSCULOSUS. n. sp.

T.R.R. Stebbing, del.

ORCHOMENE ABYSSORUM n. sp.

Hanhart & Collins, Imp.

T.R.R. Stebbing del.

ORCHOMENE CAVIMANUS, n. sp.

Lith. Parker & Coward, West Newman Ct. imp.

T.H.R. Stebbing del.

LYSIANAX VARIEGATUS, Stimpson.

Lith. Parker & Coward West Newman & Co. imp.

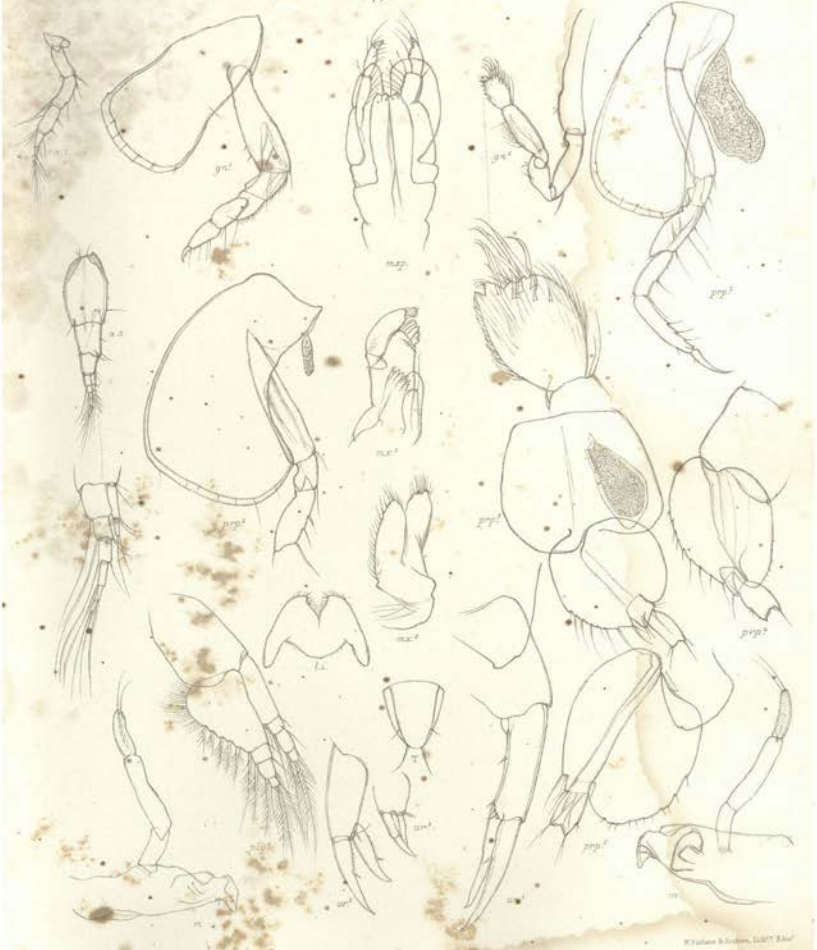
T.R.R. Stebbing del.

Lith. Parker & Coward, West Newman & Co. imp.

LEPIDEPECREUM FORAMINIFERUM, n. sp.

T.R.P. Sculp. del. F.H. Michael lith.

SOCARNOIDES KERGUELENI, n. g. et. sp.


gn.1
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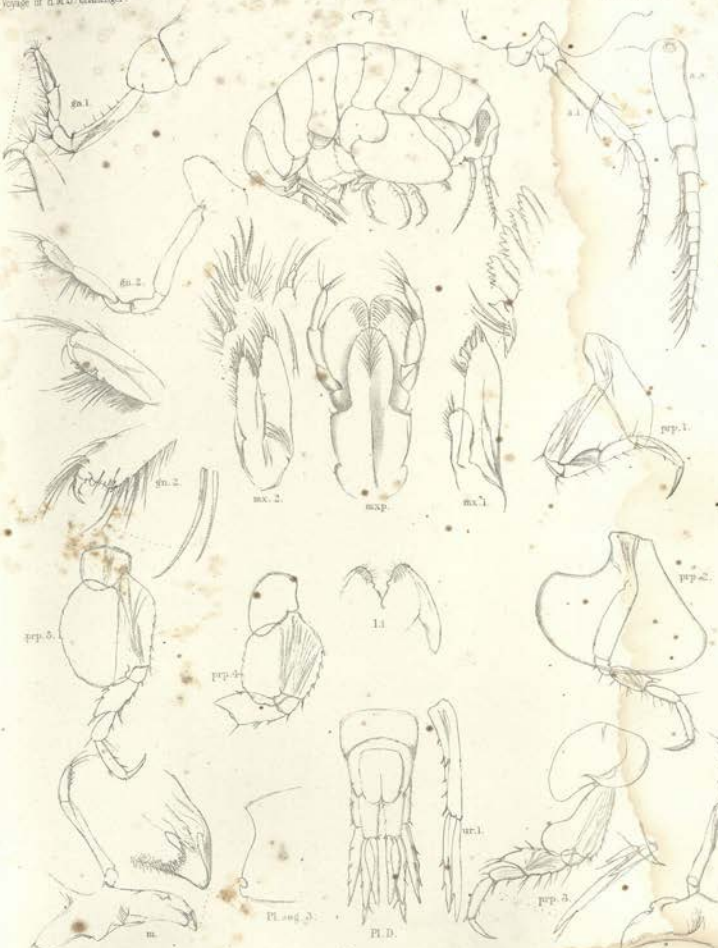
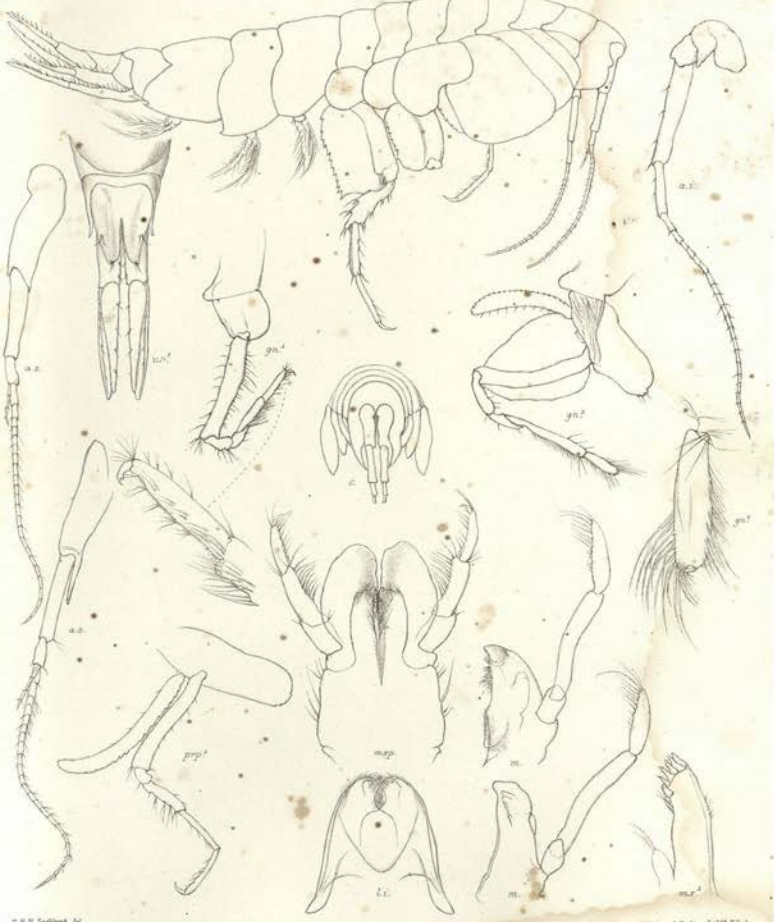
mx.1
mx.2
prp.1
prp.2
prp.3
prp.4
prp.5
T.L.
T.
uro.1
uro.2
uro.3
AMBASIA INTEGRICAUDA. n. sp.
T.R.R. Jeeling del.



AMARYLLIS BATHYCEPHALUS, n. sp.



T.H.H. Starkweg. del.

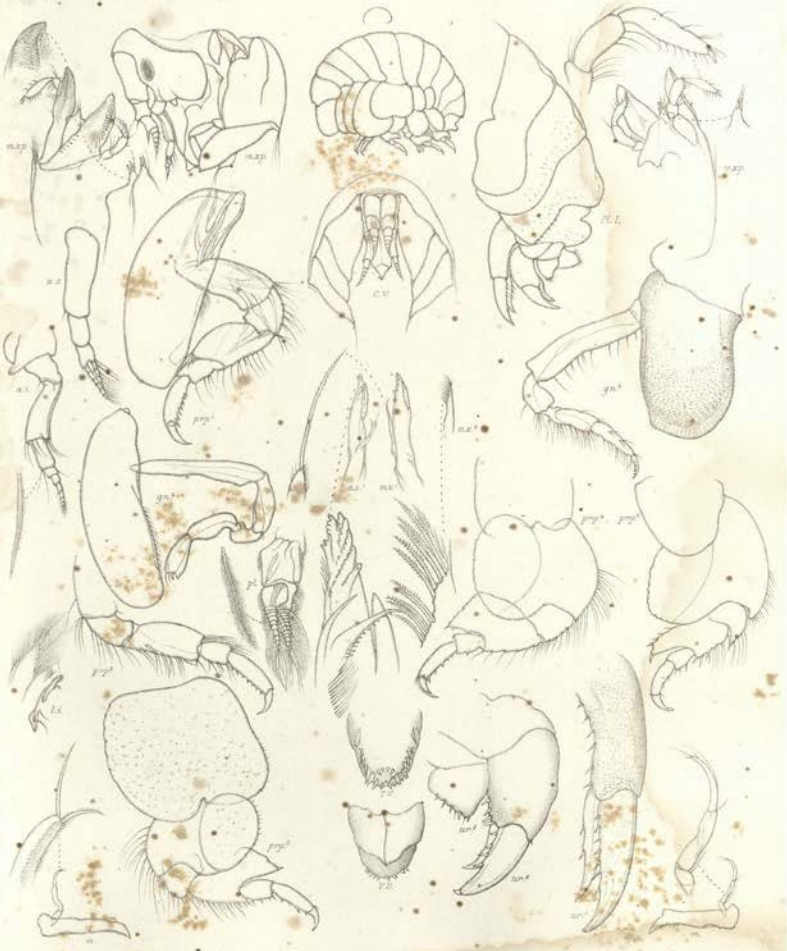
W. Fairlens & Krohne, Lith. Edin.

AMARYLLIS HASWELLI, n. sp.

T.R.R. Stebbing, del.

AMARYLLIS MACROPHTHALMUS. Haswell.

M^cFarlane & Erskine, Lith^rs. Edin^r



ACANTIOSTOMA MARIONIS, n.g. et sp.

T.R.R. Stebbing, del.

W. Facius & Erskine, Lith.rs, Edin.r

ACONTIOSTOMA MAGELLANICUM, n. sp.

T.R.R. Stebbing del.

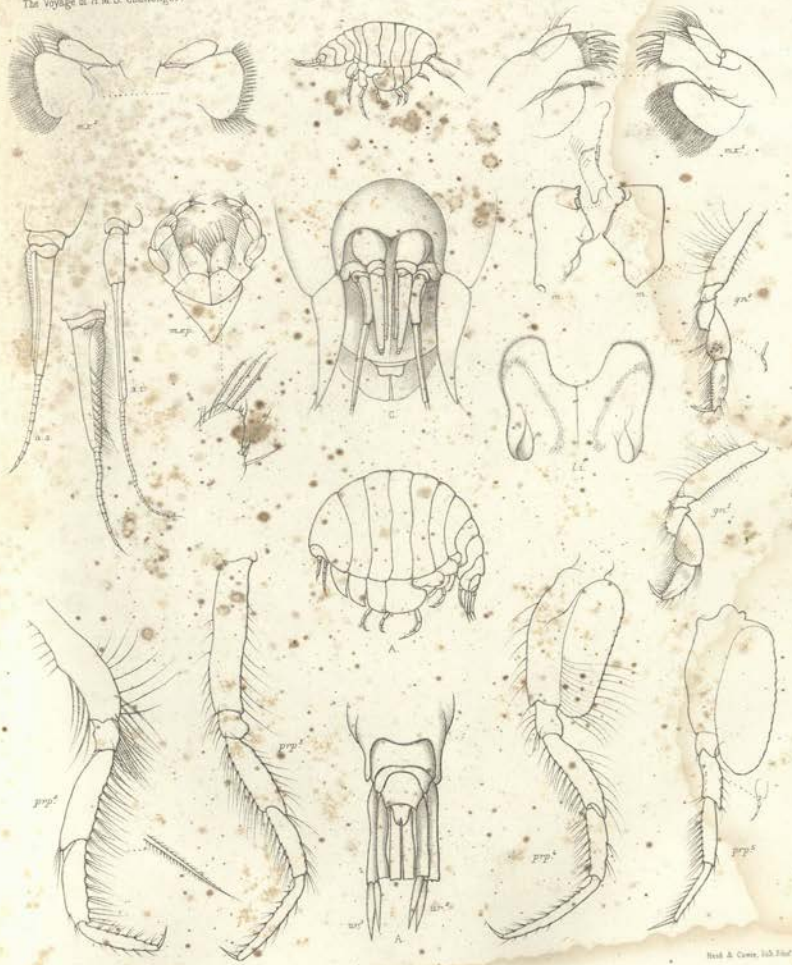
Lith. Parker & Coward.
West, Newman & Co. imp.

ACONTIOSTOMA PEPINII, n. sp.

AGONTIOSTOMA KERGUELENI, n. sp.

VALETTIA COHERES, n.g. et sp.

Read & Cowell Lith. Edin.

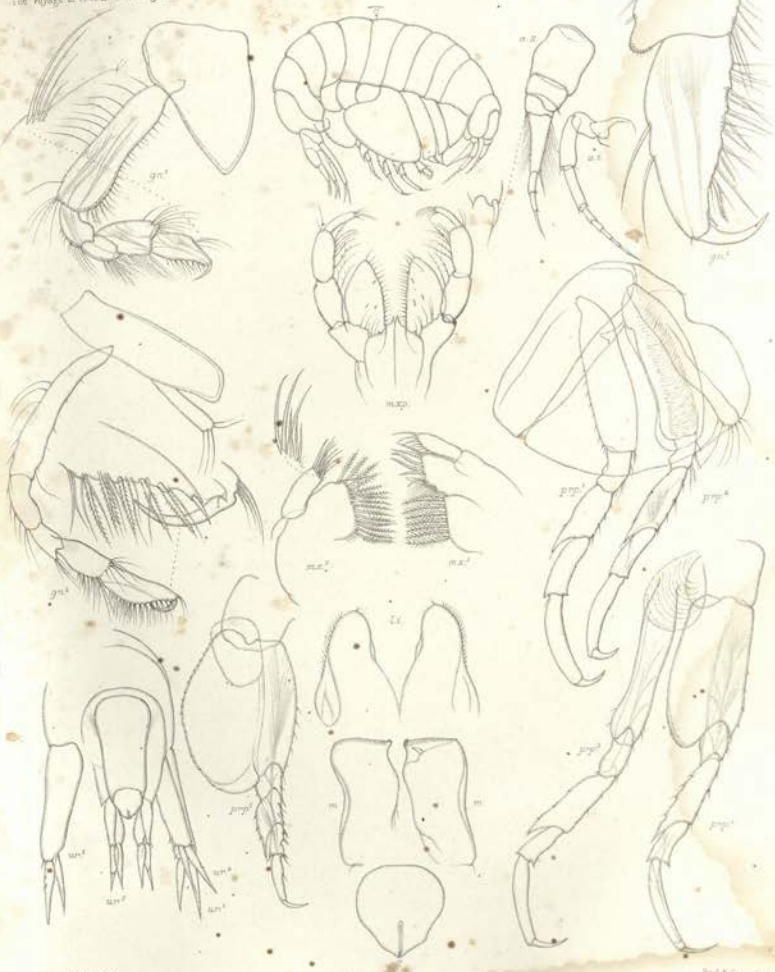


ANDANIA GIGANTEA, n. sp.

T.R.R. Stebbing, del.

ANDANIA BOECKI, n. sp.

Reid & Cowie, Lith. Edin.



T.R.R. Stebbing, del.

ANDANIA ABYSSORUM, n. sp.

Hanl. & Carter, Lith.

AMPHILOCHUS MARIONIS, n. sp.

T.R.R. Stebbing, del.

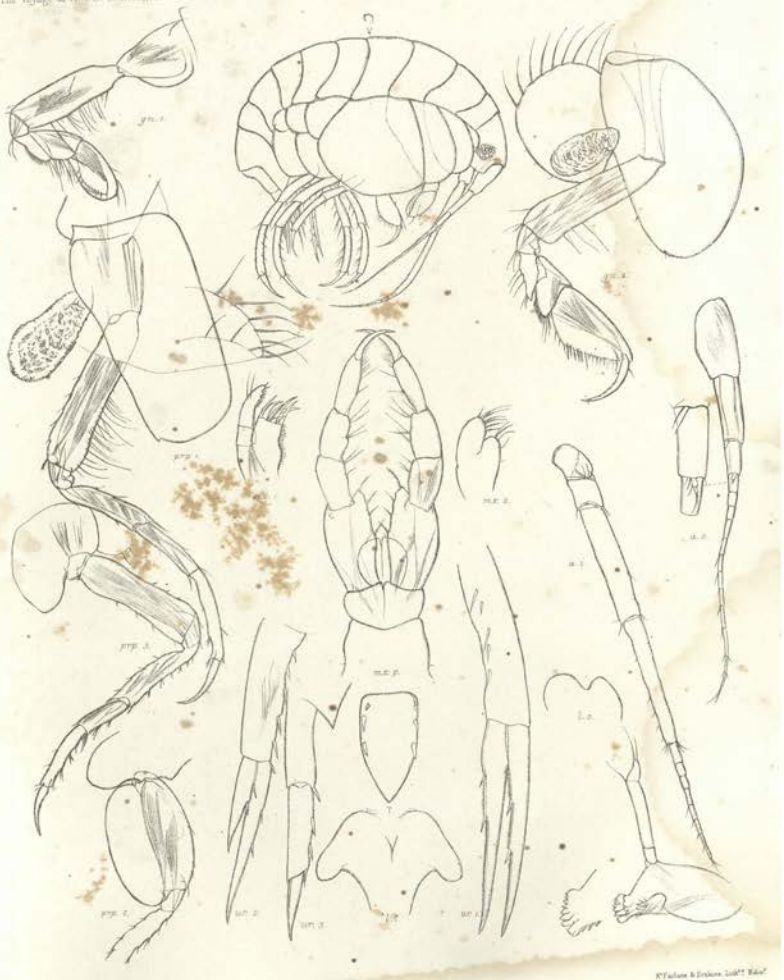
STENOTHOË ADHÆRENS, n. sp.

W. Featherstone & Erskine, Lith. & Edin.

T.H.H. Soebbing, del.

METOPA NASUTIGENES, n. sp.

W. Fairlamb & Bradshaw, Lithº Bath



T.R.R. Stebbing, del. METOPA MAGELLANICA, n. sp. M^Farlane & Erskine, Lith^rs Edin^r

METOPA CRENATIPALMATA, n. sp.

T.R.R. Stebbing, del.

W. Parlane & Co. Edin. Lith.

T.H.H. Stebbing del.

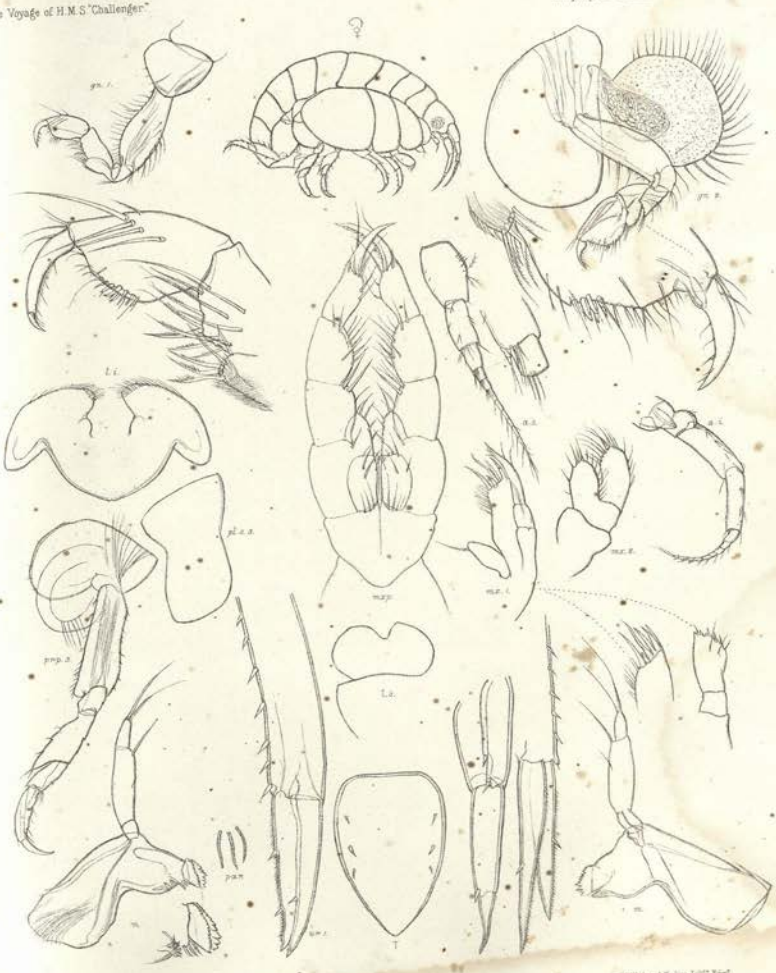
METOPA PARALLELOCHEIR, n. sp.

W. Parlane & Erskine, Lith.t Edin.r

T. H. H. Southgate, del.

W. Faulkner & Co. Lithers, Ludgate Hill

METOPA OVATA, n. sp.


♀
gn. 1.
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l.l.
pl.e.s.
prp.s.
pam
m.
mxp.
mx. 1.
mx. 2.
l.s.
T
T.R.R. Sobbing, del.
METOPA COMPACTA, n. sp.
W. Clyburn & Erskine, Lith^rs, Belfast

PL. D.

LEUCOTHOË MIERSI, n. sp.

T.R.R. Stebbing del.

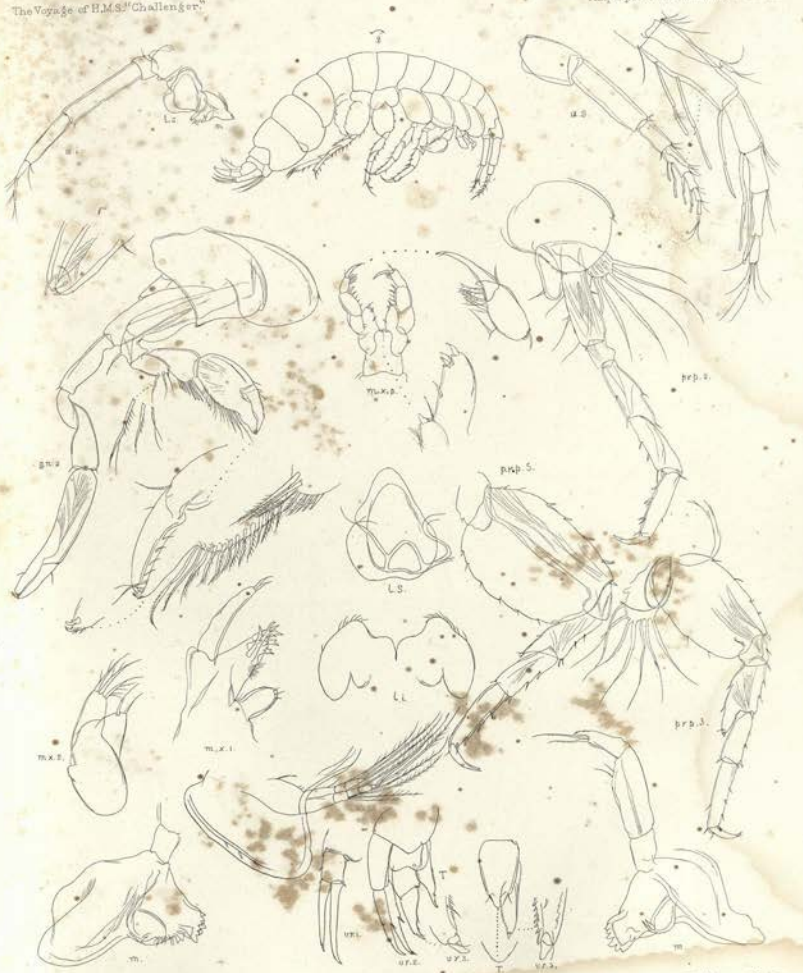
LEUCOTHOË TRIDENS, n. sp.

Parker & Coward, lith.
West Newman & Co. imp.

J. W. Buckley del. T. H. Bolton lith.

Mintern Bros. imp.

LEUCOTHOË FLINDERSI, n. sp.



T.R.R. Stebbing, del.
G.S. Saunders, sc.

West, Newman & Co. imp.

SEBA SAUNDERSII, Stebbing.

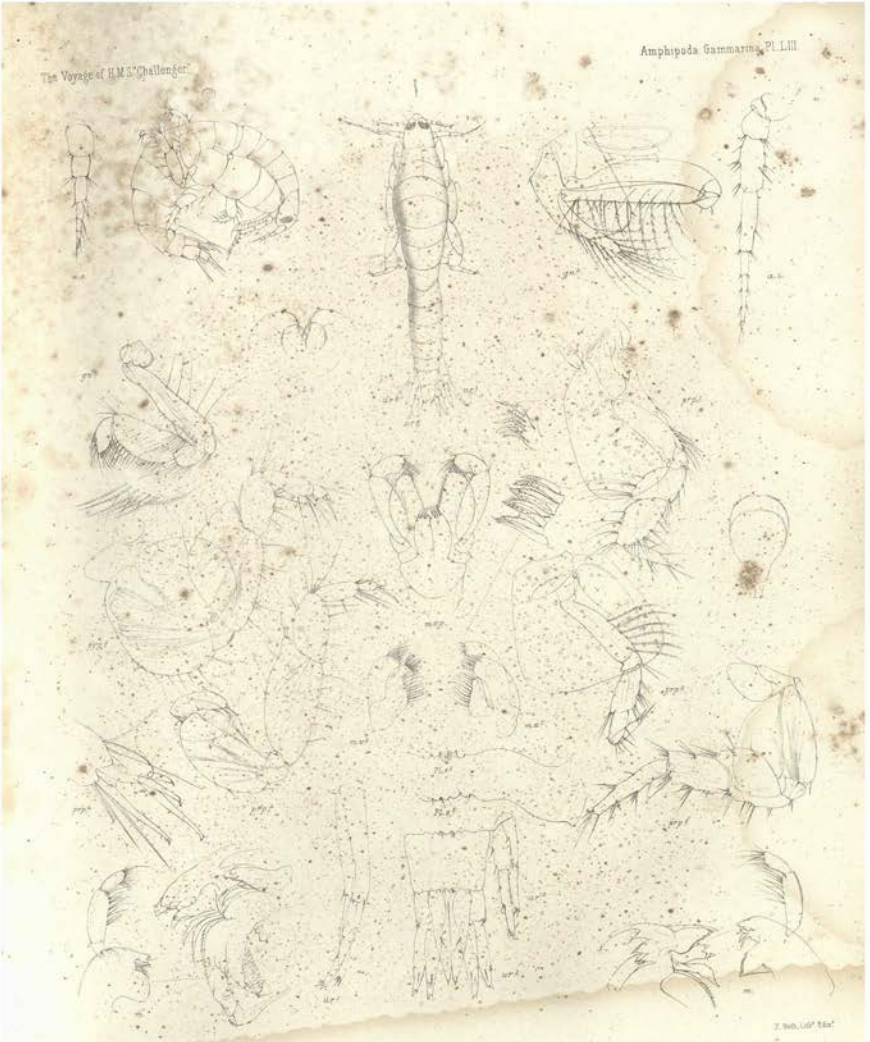
SYRRHOE PAPYRACEA, n. sp.

T.R.S. Stebbing del.

Parker & Coward, lith.
West, Newman & Co., imp.

SYRRHOË SEMISERRATA, n. sp.

SYNOPIA SCHÆELEANA, Bovallius.



CARDENIO PAURODACTYLUS, n.g. et sp.

142628

PHOXUS BASSI, n. sp.

PHOXUS KERGUELENI n. sp.

T.R.R. del. et lith.
West, Newman & Co. imp.

T.R.B. Stebbing del.

Parker & Coward, lith.
West, Newman & Co. imp.

HARPINIA OBTUSIFRONS, n. sp.

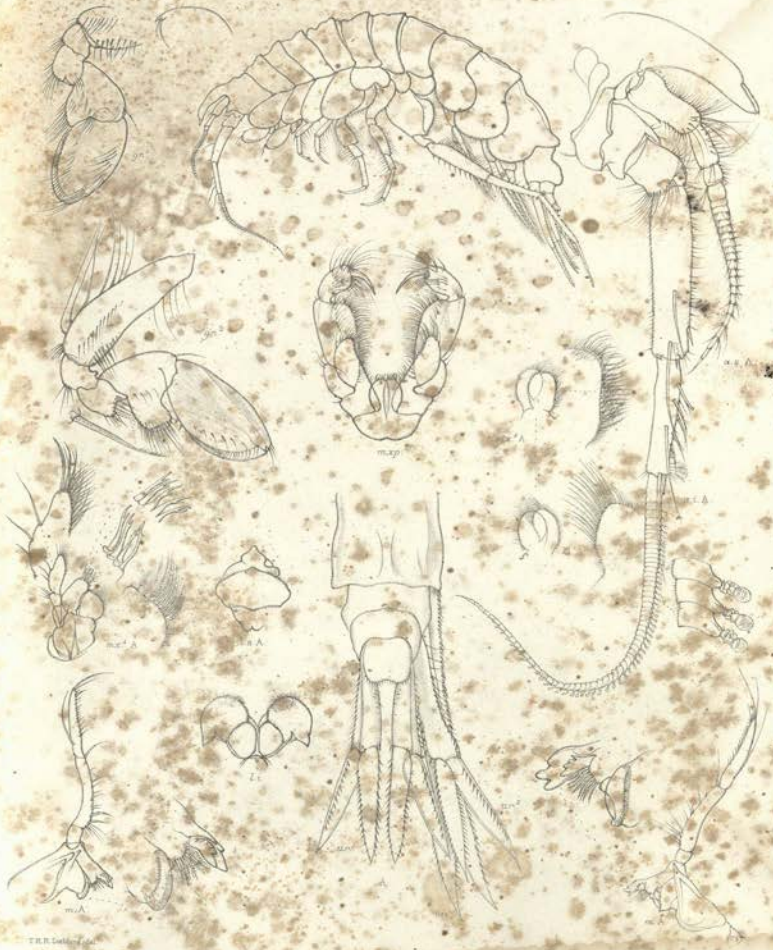
T. R. R. Stebbing del. F. H. Michael, sc.

UROTHOË LACHNEESSA, n. sp.

T. S. N. Sorbing, del. W. Packham & Sydney Smith's Elect.

PLATYISCHNOPUS MIRABILIS, n. g. et sp.

HALIMEDON SCHNEIDERI, n. sp.



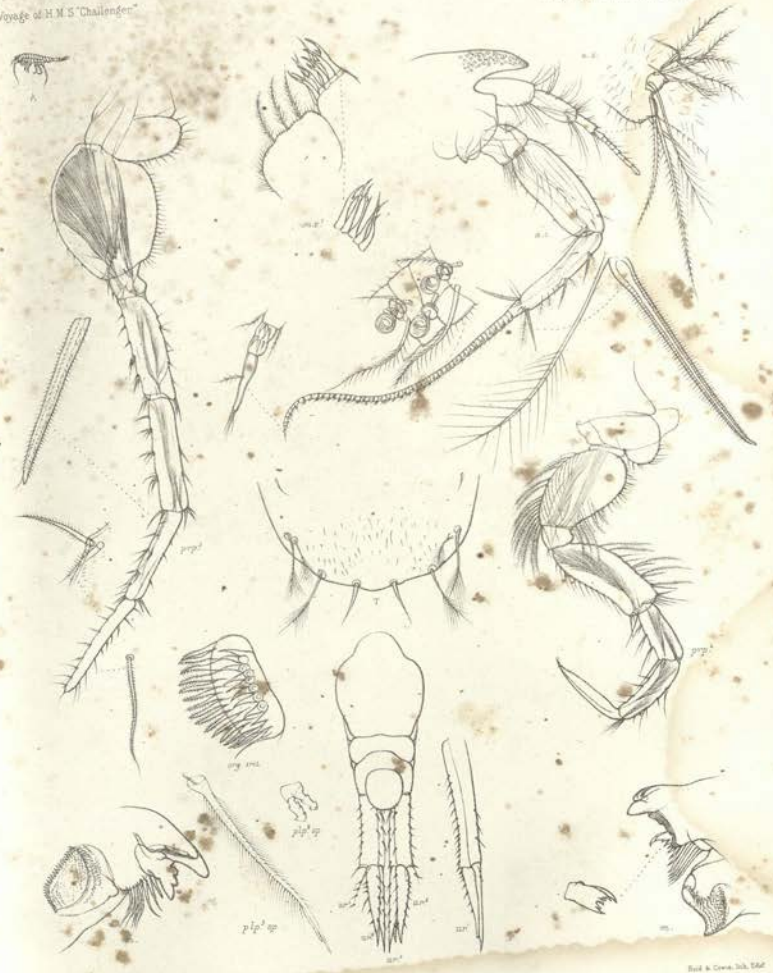
ŒDICEROIDES CONSPICUA, sp. g. et sp.

ŒDICEROIDES CONSPICUA, n. g. et sp.

T.H.H. Starbing, del.

Hanhart & Clowes, Lith. Edin.

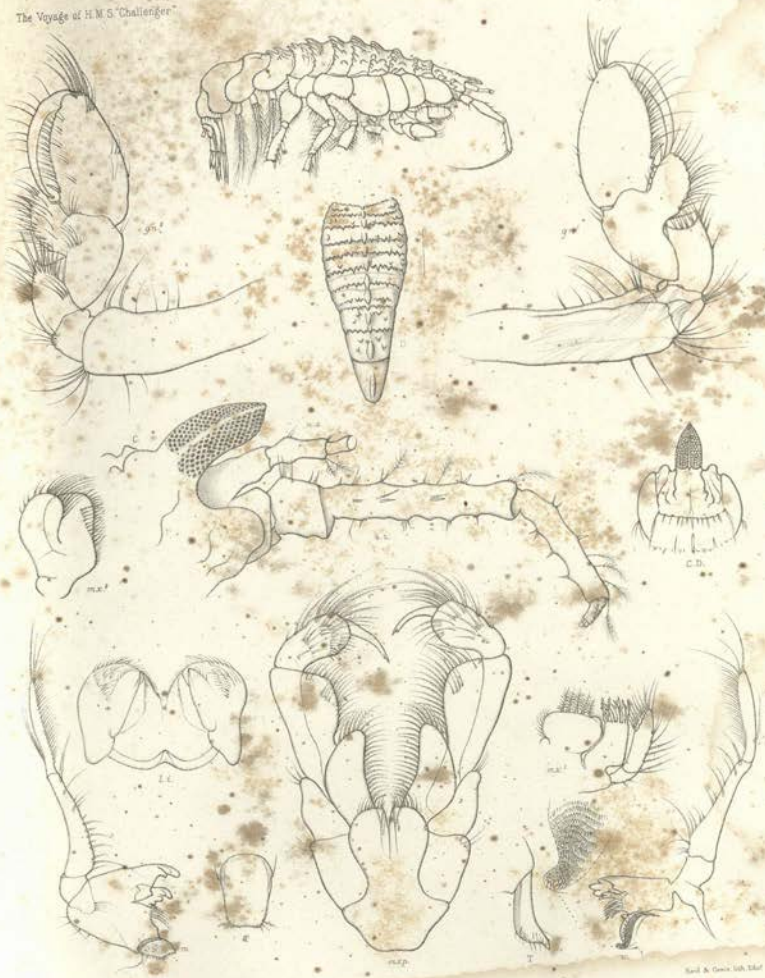
ŒDICEROIDES CINDERELLA, n. g. et sp.



T.H.H. Sculpsit.

Reid & Crewe, Lith. Edin.

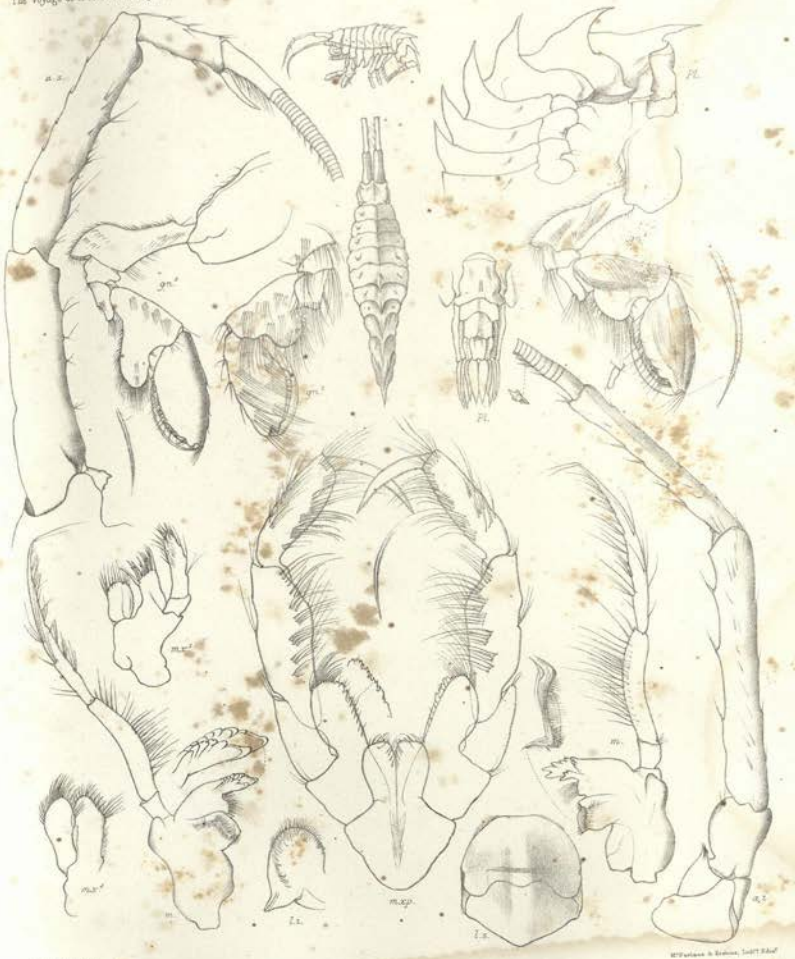
ŒDICEROIDES CINDERELLA, n. g. et sp.



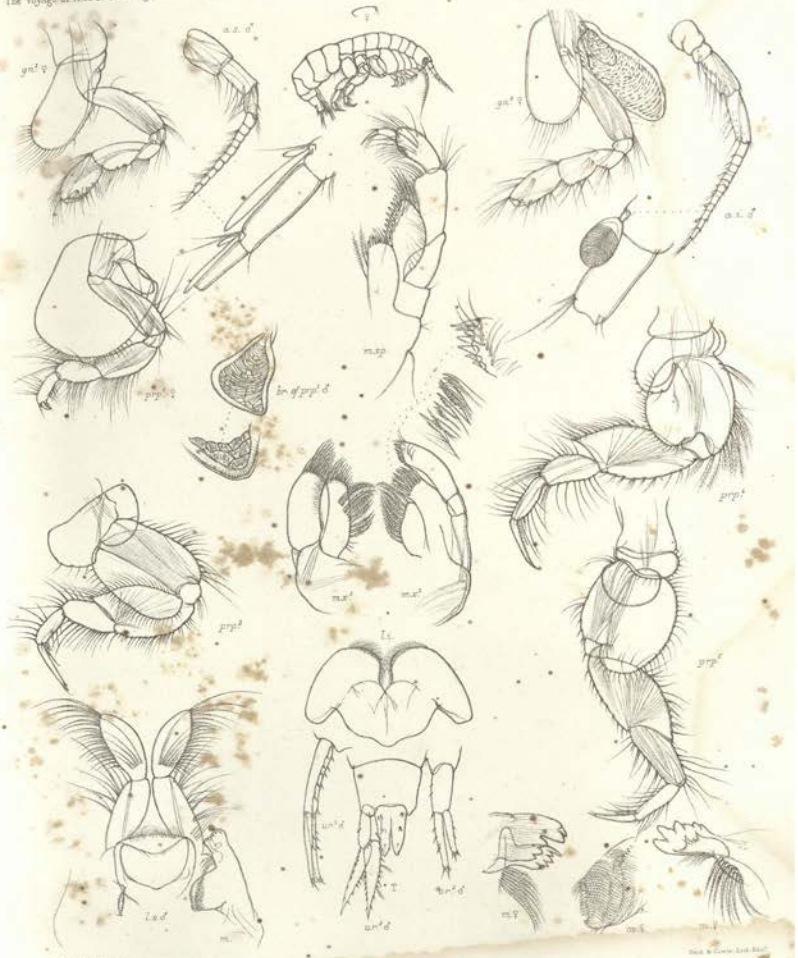
T.R.R. Stebbing del.

Swan & Gavin, lith. Edinr.

ŒDICEROIDES ORNATA, n. g. et sp.



AMATHILLOPSIS AUSTRALIS, n. sp.

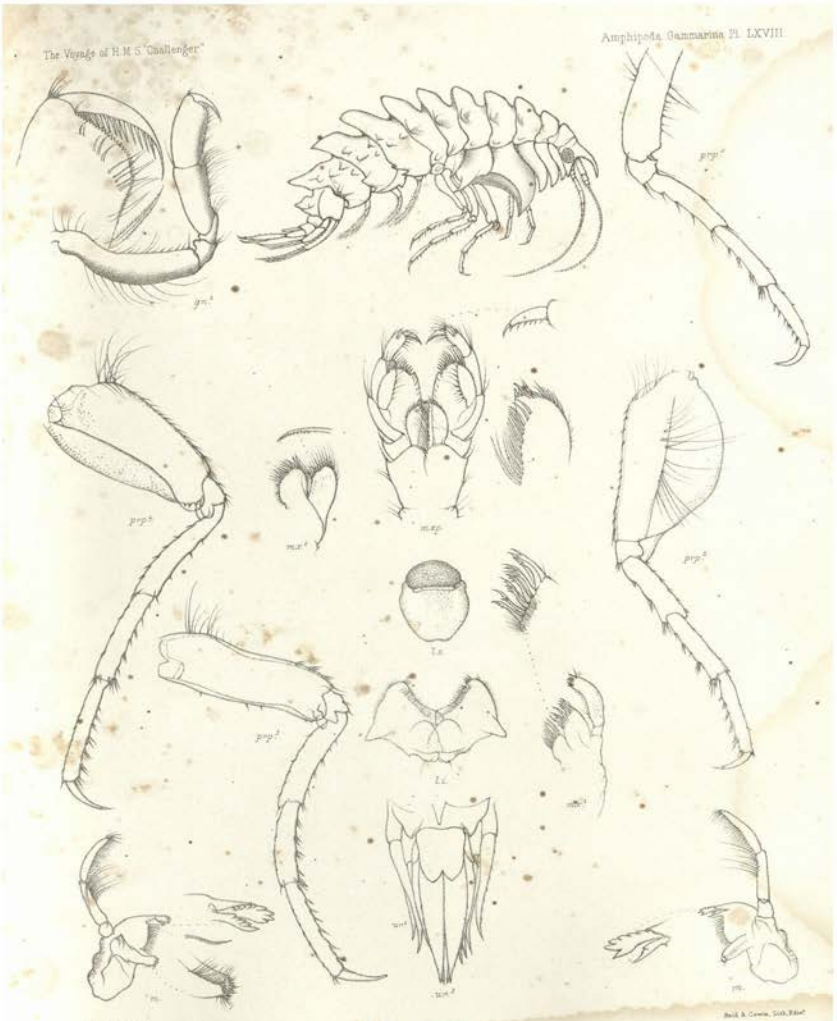


T.R.R. Stebbing, del.

ZARAMILLA KERGUELENI, n. g. et sp.

Dick, Waterlow, Lith. Edin.

PLEUSTES ABYSSORUM, n. sp.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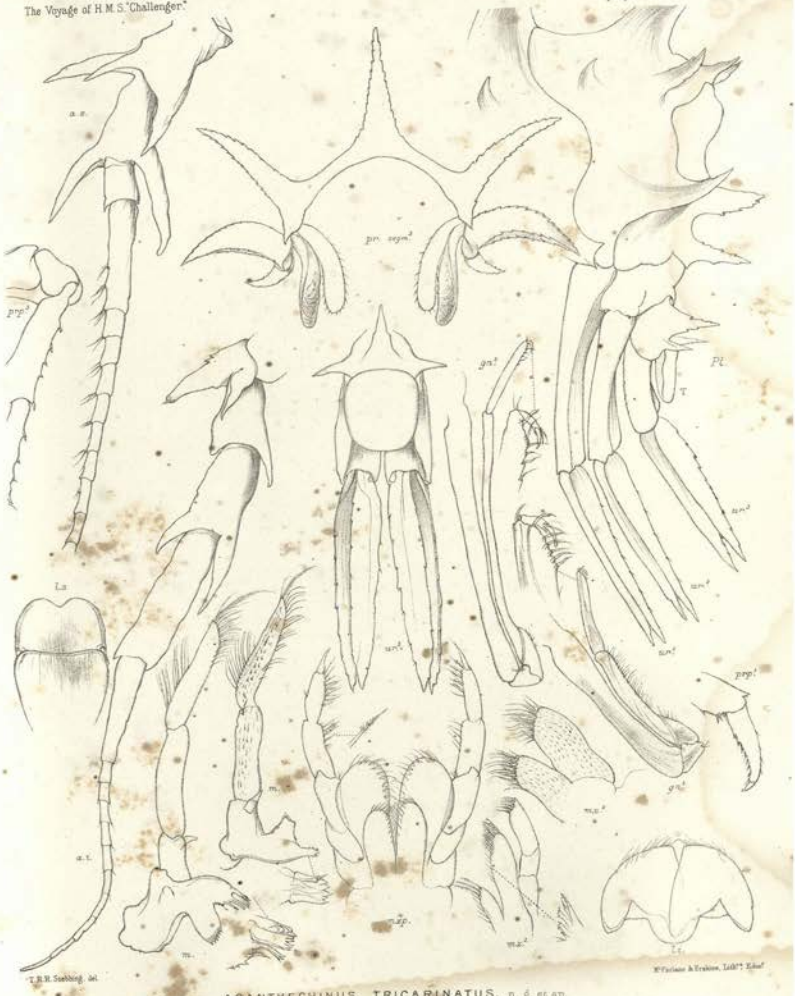
prp.5
mx.1
mxp.
prp.3
Lr.
Ll.
mx.2
mx.1
mx.2
mx.2
mx.2

T.R. Chichester, del.

Hanhart & Cowan, lith. Edinr.

ACANTHECHINUS TRICARINATUS, n. g. et sp.



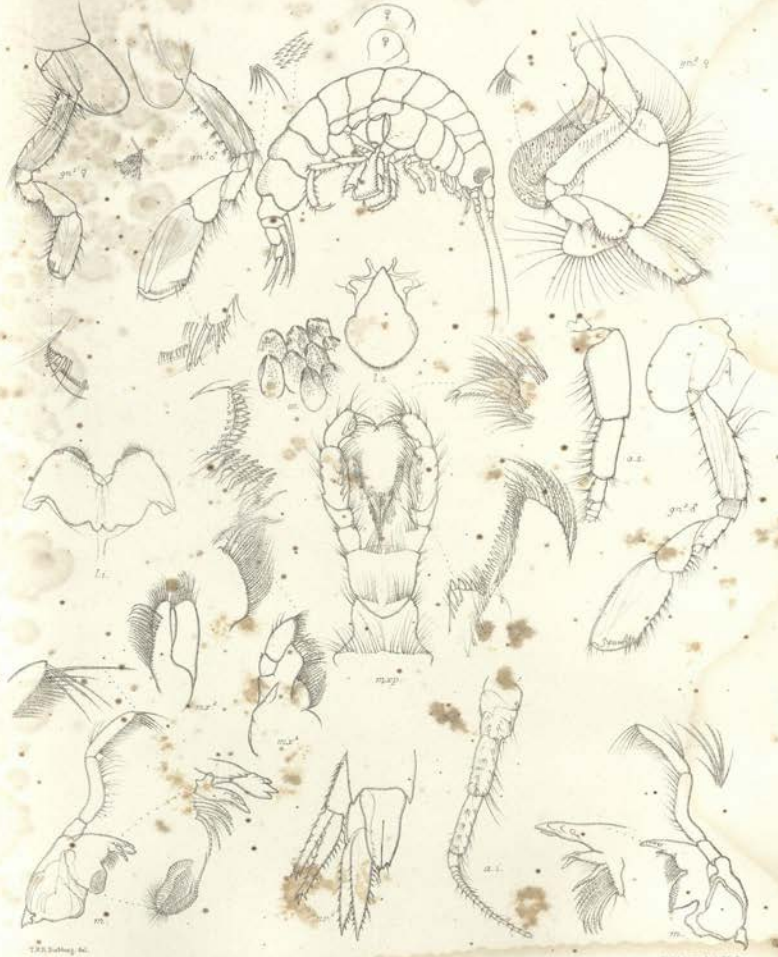
ACANTHECHINUS TRICARINATUS, n. g. et sp.

IPHIMEDIA PACIFICA. n. sp.

IPHIMEDÍA PULCHRIDENTATA, n. sp.

HALIRAGES HUXLEYANUS, Spence Bate (sp.)

ATYLUS HOMOCHIR, Haswell.



ATYLOIDES AUSTRALIS, Miers (sp.)

T. R. R. Stebbing del.

Edin. Lith. Edit.

ATYLOIDES AUSTRALIS, Miers. (sp).

T.H.R. Stebbing del.
G.S. Saunders sc.

ATYLOIDES ASSIMILIS, n. sp.

West, Newman & Co. imp.

T.H.R. Stebbing del.

ATYLOIDES SERRATICAUDA, n. sp.

Thurber & Bernard, 36th West, Norwood & Co. imp.

ATYLOPSIS MAGELLANICUS, n. sp.

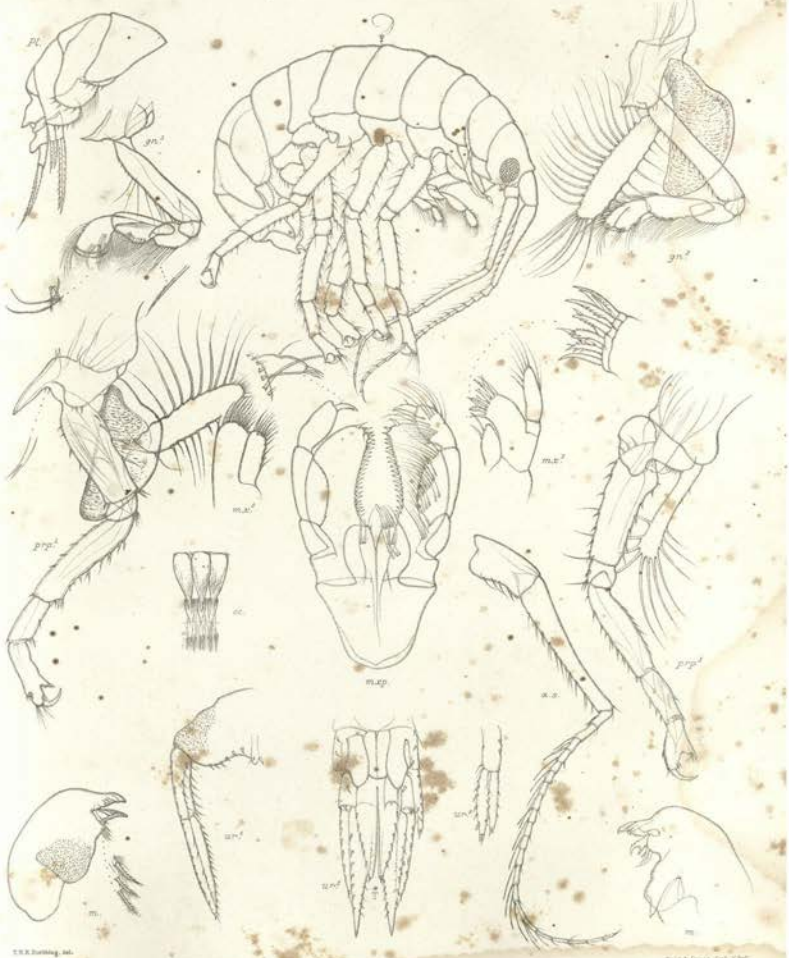
ATYLOPSIS DENTATUS, n. sp.

ATYLOPSIS EMARGINATUS, n. sp.

T.R.R. Stebbing del.
C.S. Spanders lith.

HARPINIOIDES DREPANOCHEIR, n. sp.

West, Newman & Co. imp.

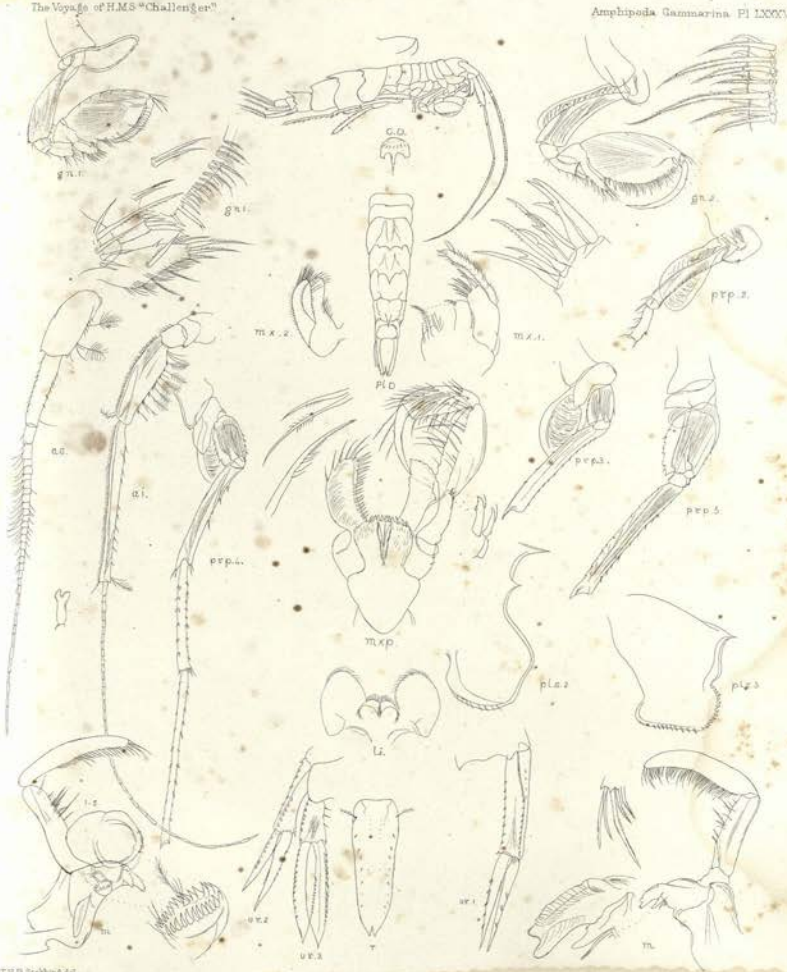


TRITAETA KERGUELENI, n. sp.

T.R.R. Stebbing, del.

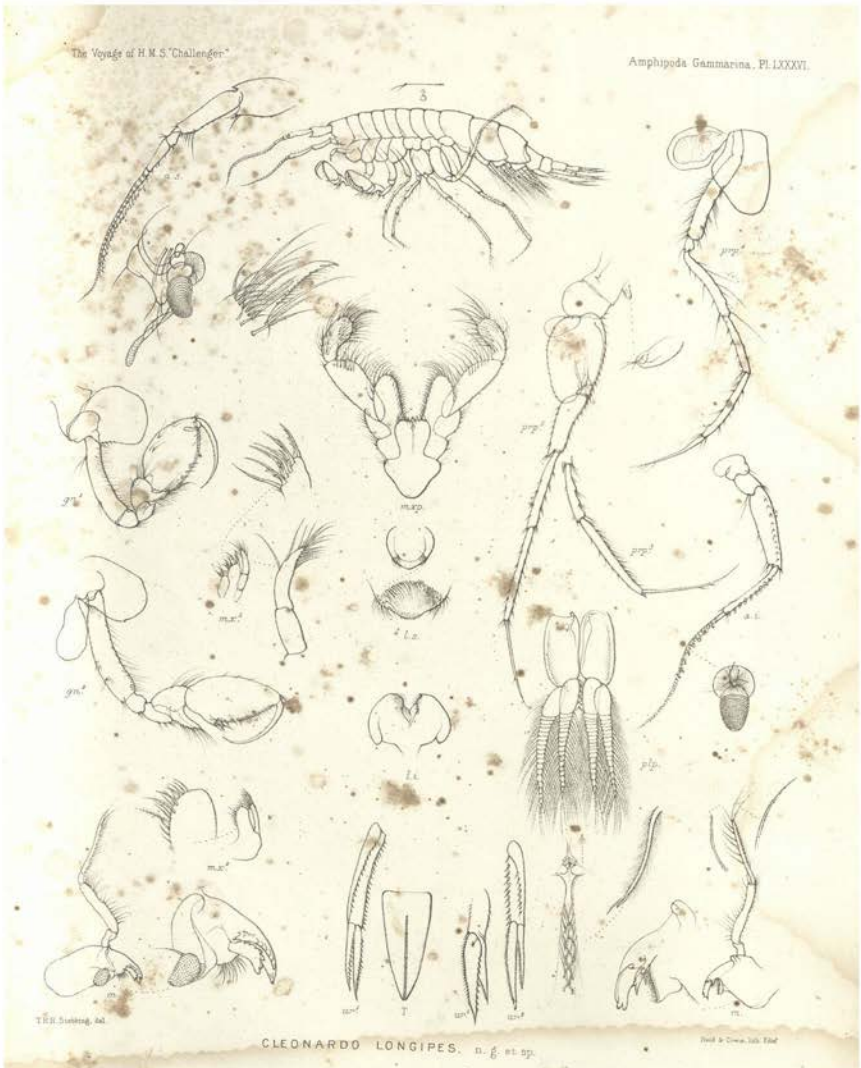
STENOPLEURA ATLANTICA, n. g. et sp.

W. Parlane & Erskine, Lith.t Edin.r



RHACHOTROPIS KERGUELENI, n. sp.

T.H.R. Stebbing del.
West, Newman & Co. imp.



CLEONARDO LONGIPES. n. g. et sp.

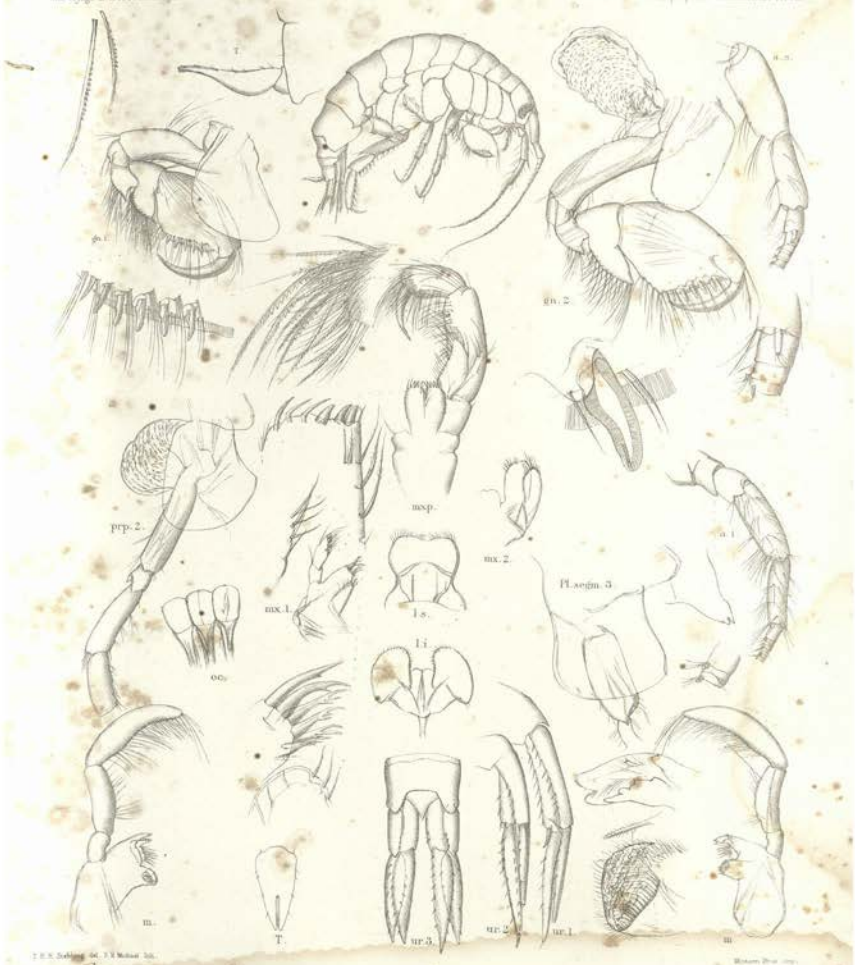
EUSIRUS LONGIPES, Boeck.

EUSIROIDES CÆSARIS, n. g. et sp.

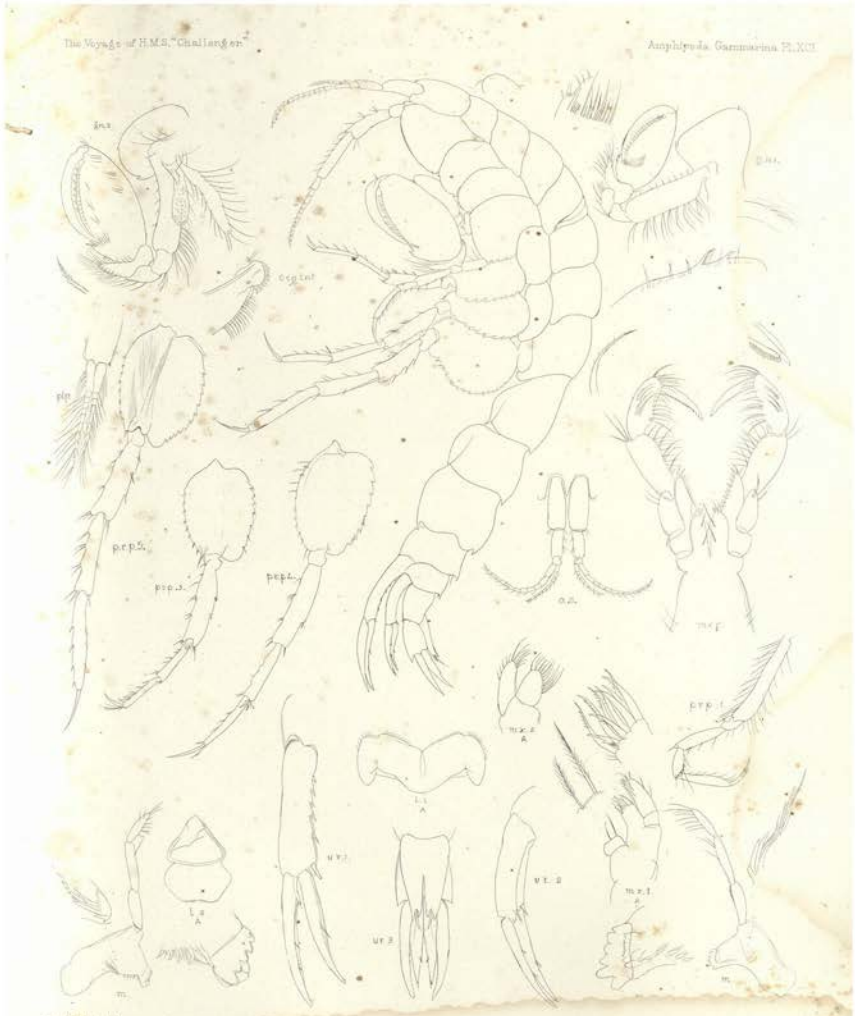
T. R. R. Stebbing del.

EUSIROIDES POMPEII, n. sp.

Parker & Coward, 15th West. Newman & Co. imp.



EUSIROIDES CRASSI, n. sp.

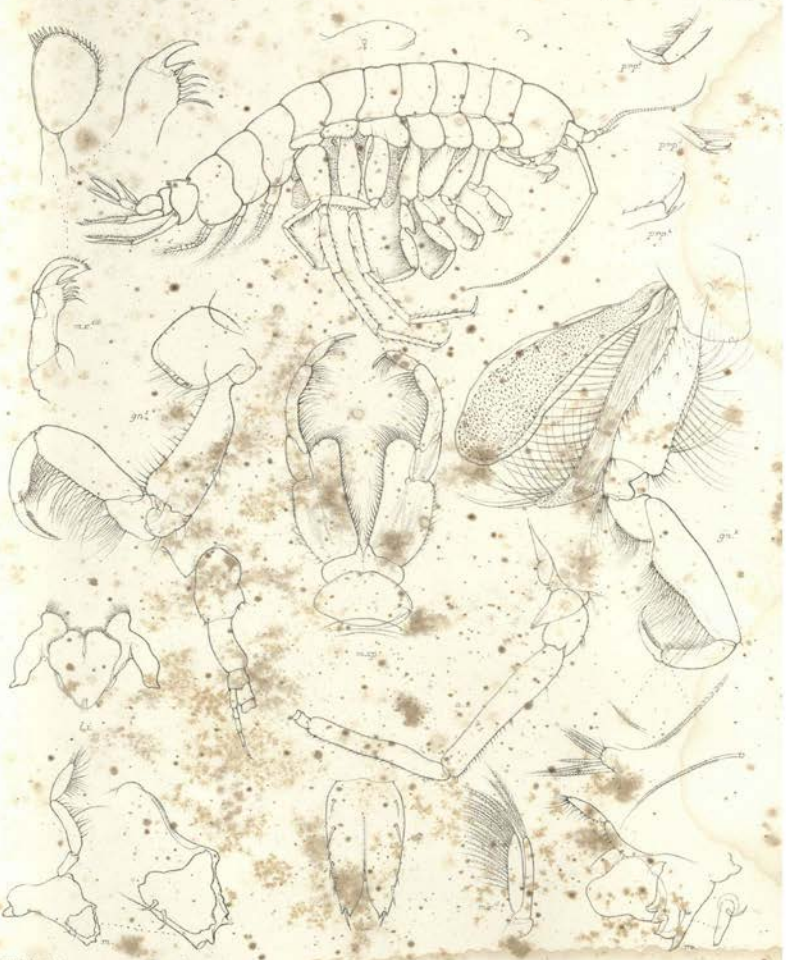


LILLJEBORGIA CONSANGUINEA, n. sp.

T.H.H. Stebbing del.

LILLJEBORGIA HASWELLI, n. sp.

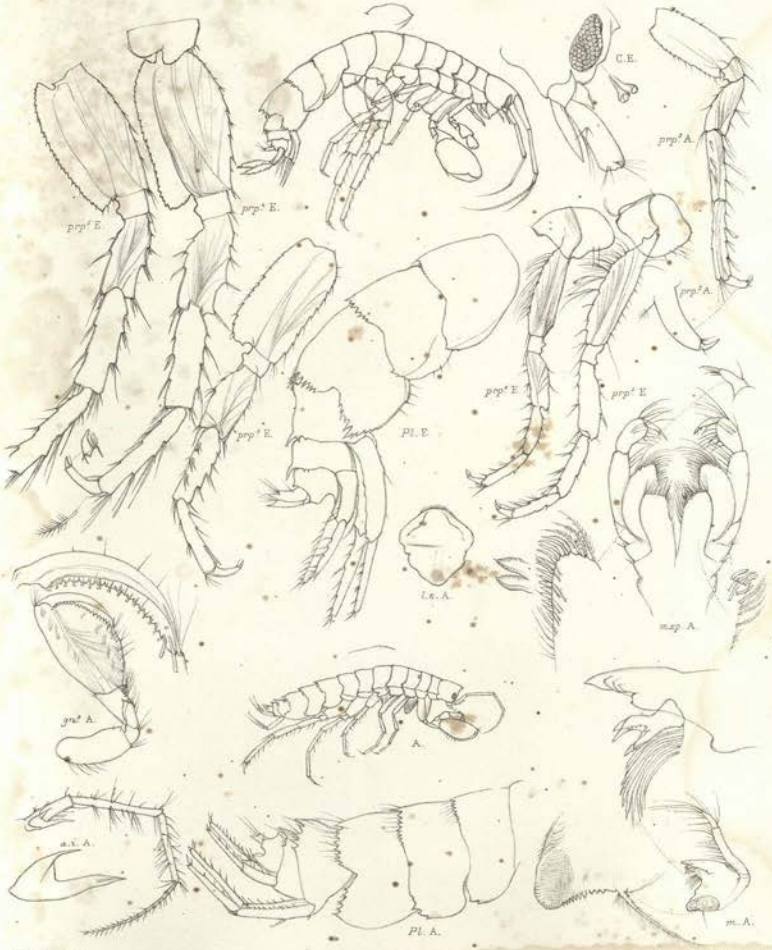
Parker & Coward, lith.
West, Newman & Co. imp.



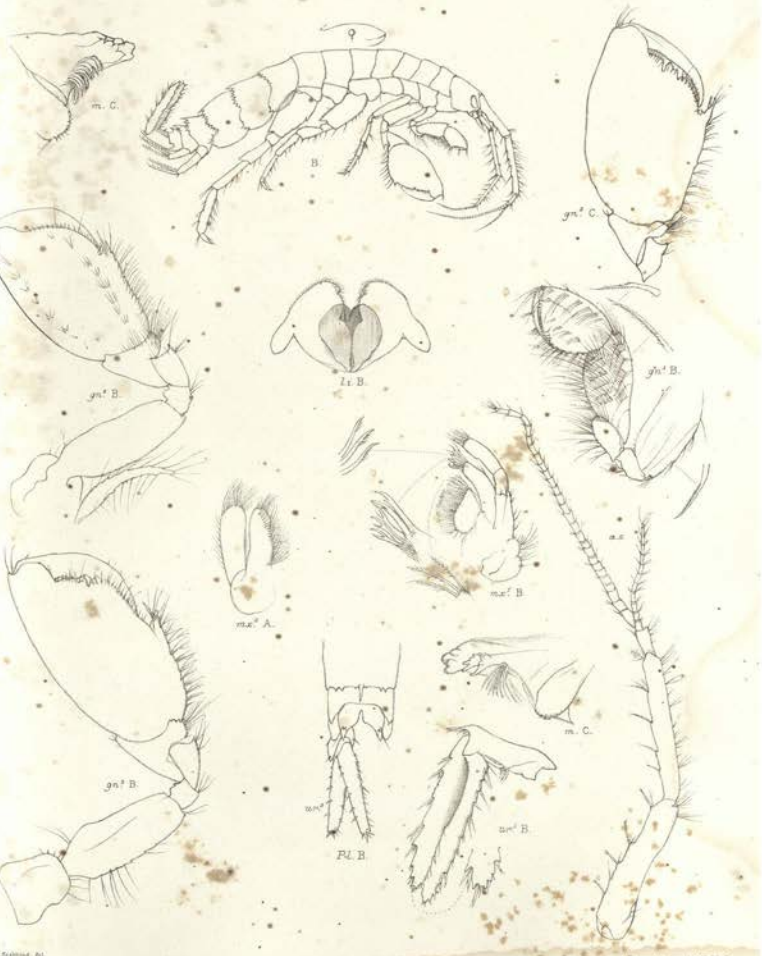
PARDALISCA ABYSSI, Boeck.

PARDALISCA MARIONIS, n. sp.

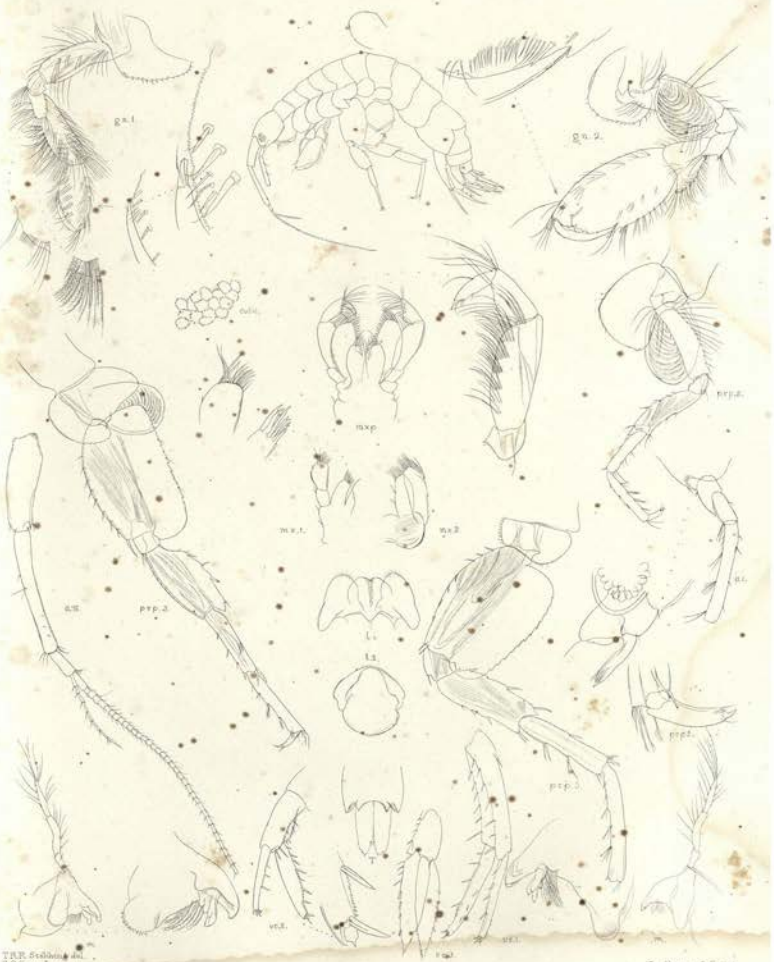
SYNOPIOIDES MACRONYX, n. g. et sp.



MÆRA RUBROMACULATA, Stimpson (sp).



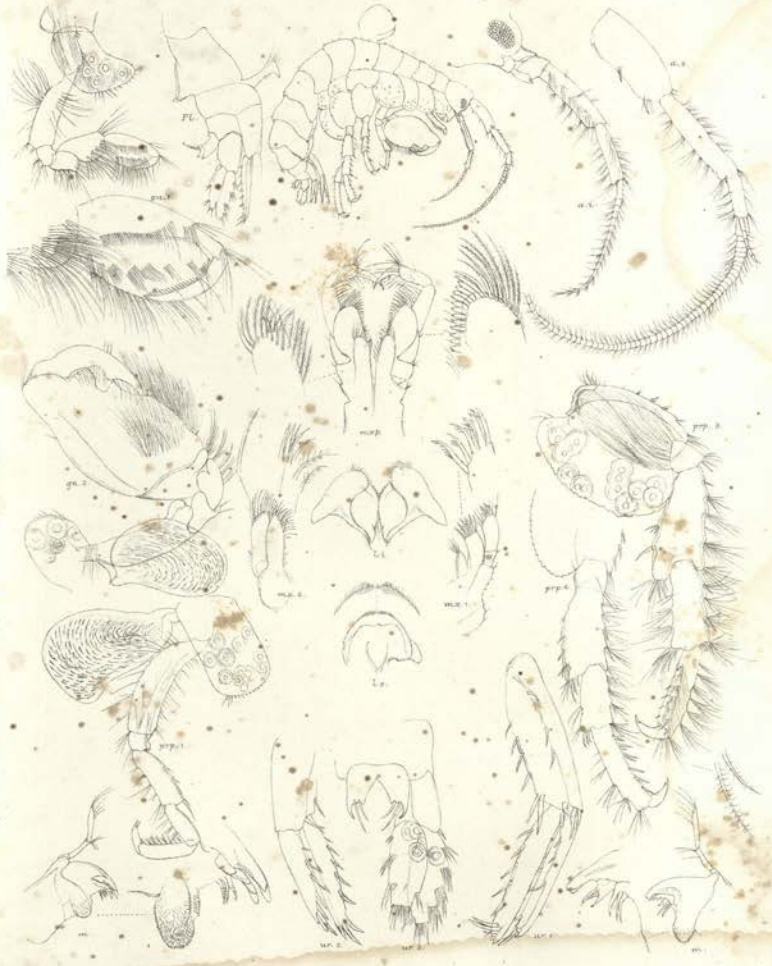
MÆRA RUBROMACULATA, Stimpson (sp).



T.R.R. Stebbing del.
G.E. Saunders sc.

West, Newman & Co. imp.

MÆRA BRUZELII, n. sp.



T.R.R. Stebbing del.

Parker & Coward, lith.
West, Newman & Co. imp.

ELASMOPUS PERSETOSUS, n. sp.

T.R.R. Stebbing del.

Parker & Coward, lith.
West, Newman & Co. imp.

ELASMOPUS DELAPLATA, n. sp.

PARELASMOPUS SULUENSIS, Dana, (sp).

T. H. B. Stebbing del.

Fairey & Cosmer lith.
West, Newman & Co. imp.

AMPELISCA ACINACES, n. sp.

T. H. H. Stebbing del.

Parker & Coward, lith.
West Newman & Co. imp.

AMPELISCA ACINACES, n. sp.

T.R.R. Stebbing del.

AMPELISCA CHILTONI, n. sp.

Dickinson & Coward, lith.
West, Newman & Co. imp.

T.R.H. Stebbing del.

AMPELISCA ABYSSICOLA, n. sp.

Parker & Coward, 5th West, Newman & Co., imp.

T.R.R. Stebbing del.

AMPELISCA FUSCA, n. sp.

Parker & Coward, lith.
West, Newman, Co. imp.

T.R.R. Stebbing del. Hanhart & Gerrard Lith. Mint Newcomb & Co imp.

AMPELISCA ZAMBOANGÆ, n. sp.

T.R.R. Stebbing del. F.H.Michael lith. Masters Bros. imp.

PHOTIS MACROCARPUS, n. sp.

PHOTIS BREVICAUDATA, n. sp.

W.P. Stebbing del.
G.B. Saunders sc.
West, Newman & Co. imp.

AORA KERGUELENI, n. sp. ♂ A. ♀ D. AORA TRICHOBOSTRYCHUS, n. sp. ♂ B. ♀ C.

F. M. N. Stebbing del. Parker & Coward, lith. West Newman & Co. imp.

T.R.R. Stebbing del.

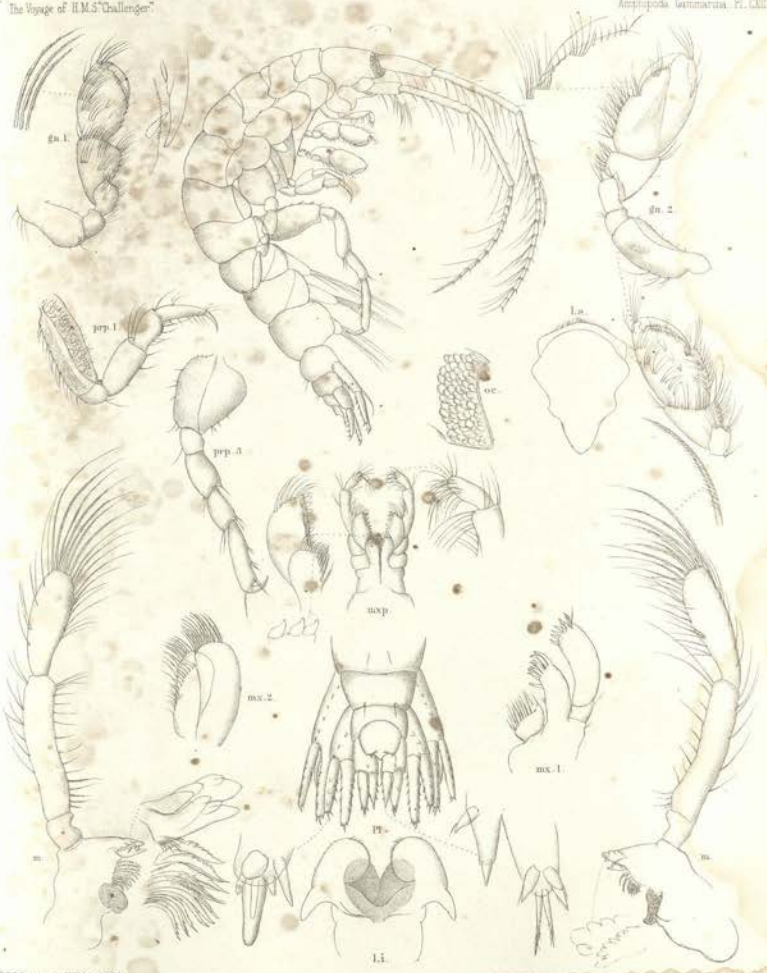
AUTONOË KERGUELENI, n. sp.

West, Newman & Co. imp.

T.R.R. Stebbing del. W.H. Caffyn lith.

Mintern Bros. imp.

GAMMAROPSIS EXSERTIPES, n. sp.



GAMMAROPSIS AFRA, n. sp.

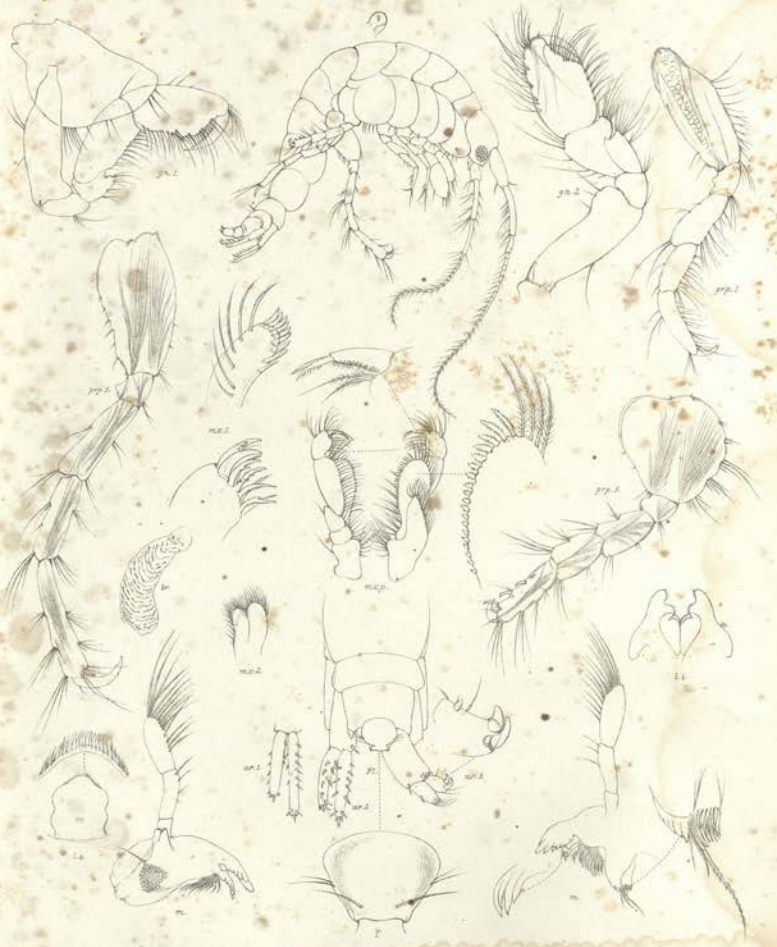
GAMMAROPSIS ATLANTICA. ♀, n. sp.

GAMMAROPSIS THOMSONI, n. sp.

T.R.H. Stebbing del.
G.S. Saunders sc.

Photogravure & Colour Co.

PODOCEROPSIS KERMADEC, n. sp.

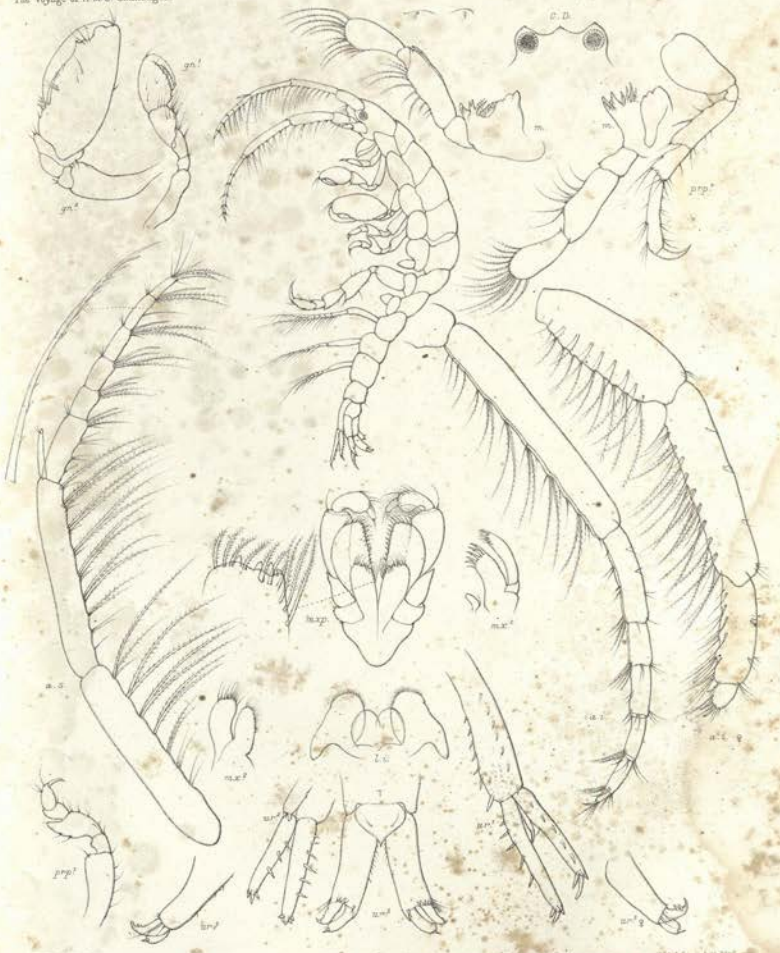


AMPHITHOË KERGUELENI, n. sp.

T.H.B. Stebbing, del.

F. Huth Lith.t Imp.t

AMPHITHOË FLINDERSI, n. sp.



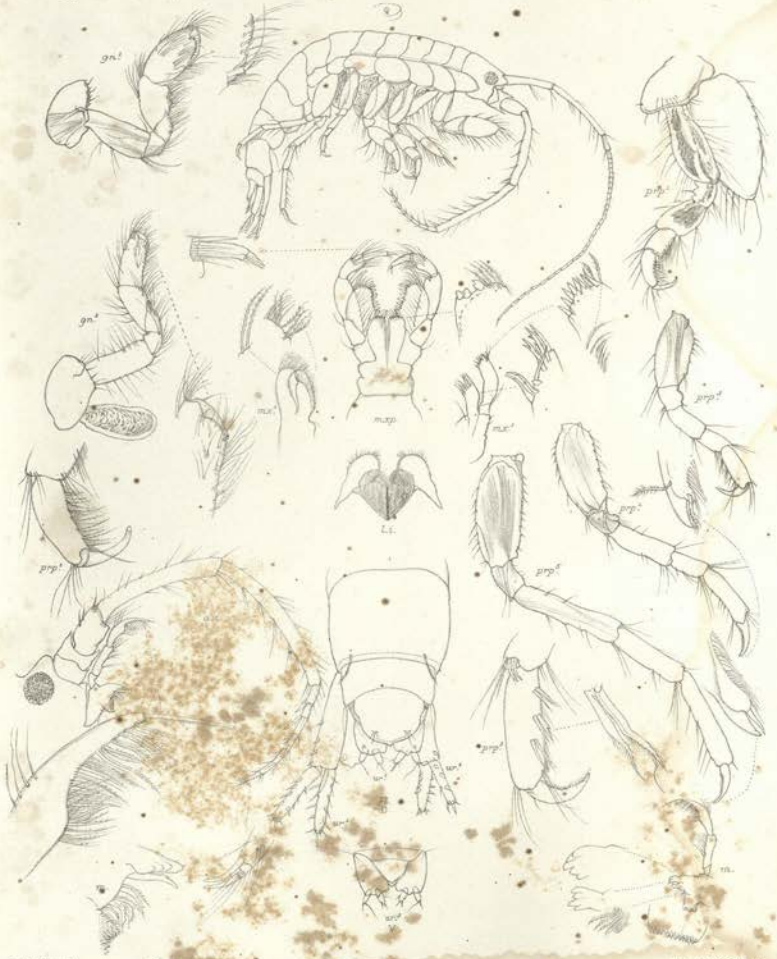
PODOCERUS FALCATUS. Montagu.

T.R.P. Stebbing, del.
C.F. Saunders, lith.

PODOCERUS HOEKI, n. sp.

West, Newman & Co. imp.

PODOCERUS TRISTANENSIS, n. sp.



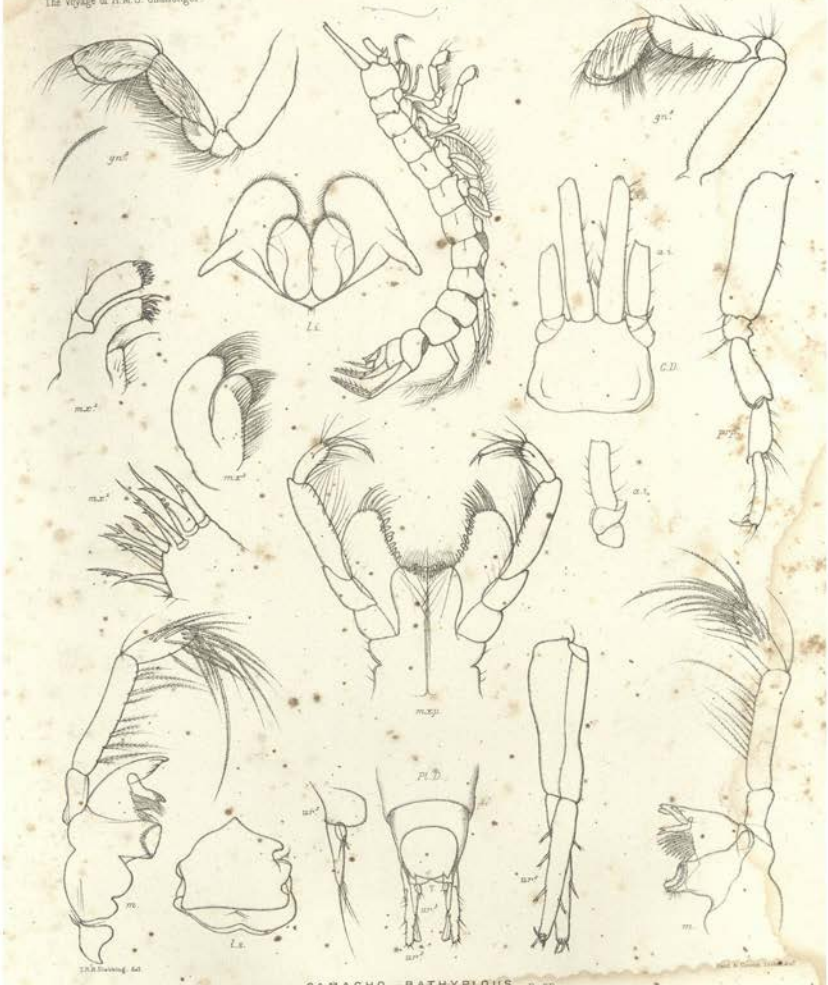
T.R.R. Stebbing, del. ORYOPOIDES WESTWOODI, n. sp. Mintern Bros. imp.

PARADRYOPE ORGUION, n. sp.

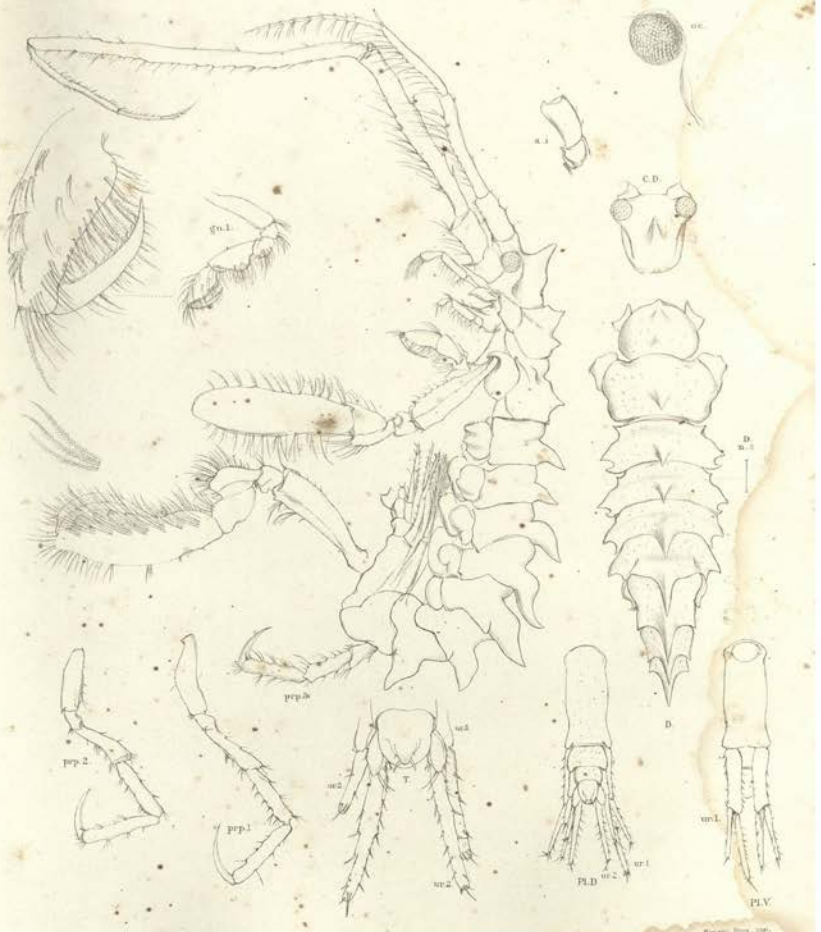
CERAPUS SISMITHI, n. sp.

CERAPUS FLINDERSI, n.sp.

gn.¹
gn.²
mxp.
pp.¹
Lr.
T
HAPLOCHEIRA PLUMOSA, sp.



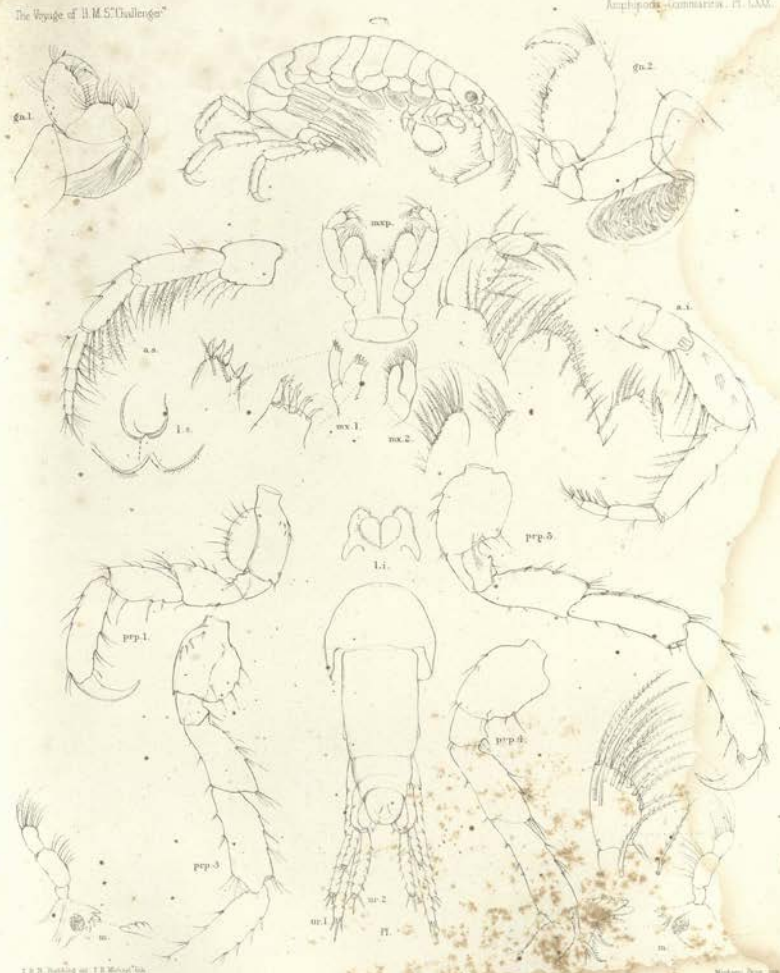
CAMACHO BATHYPLOUS, n. sp.



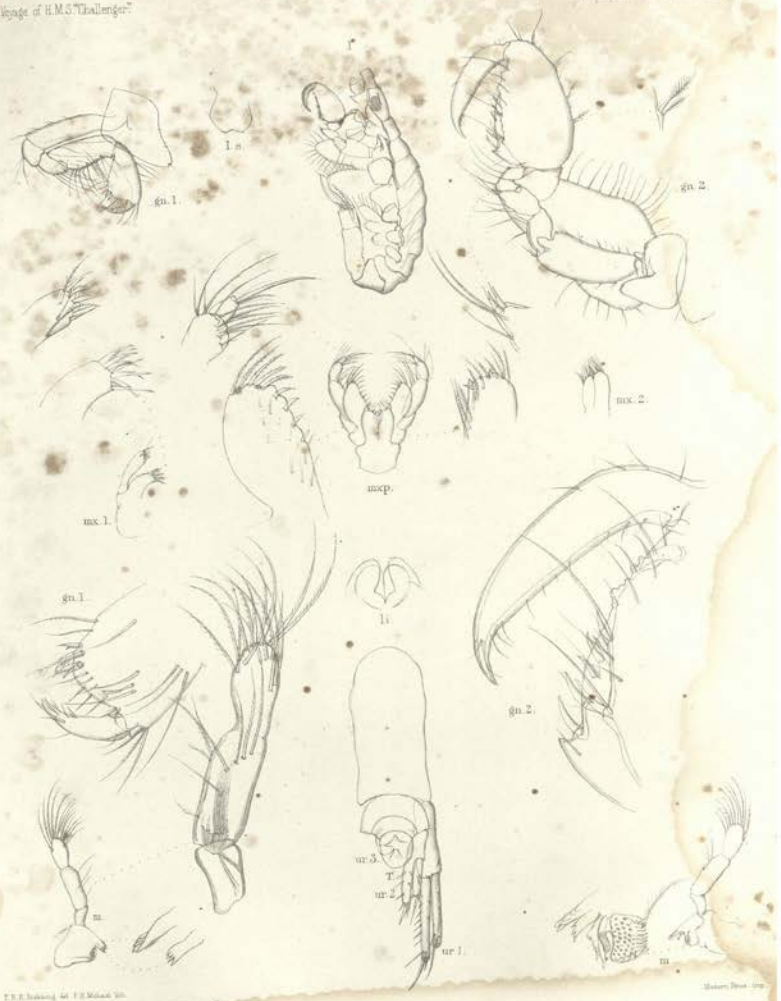
PLATOPHIUM DANÆ, n. sp.

T. R. R. Stebbing del. W. H. Crowther lith. Mintern Bros. imp.

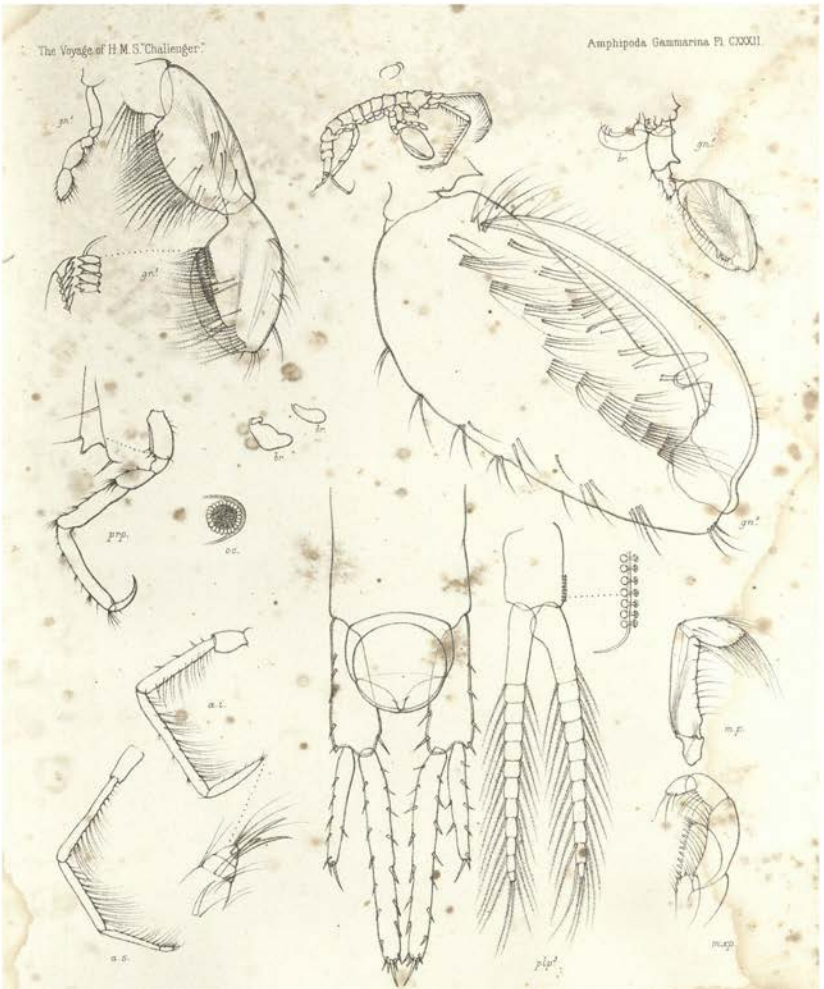
PLATOPHIUM DANÆ, n. sp.



PLATOPHIUM CHELONIÆ, n.sp.



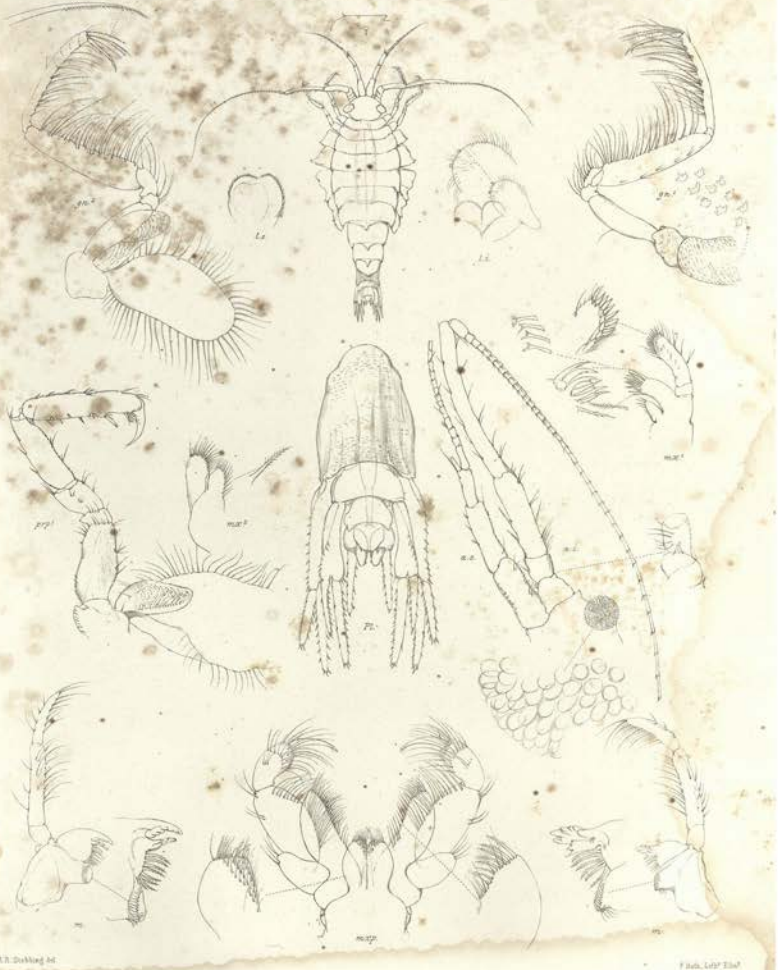
PLATOPHIUM INCONSPICUUM, n. sp.



Y.W.H. Gretwood, del.

Bird & Carter, Lith. Edin.ʳ

LÆTMATOPHILUS PURUS, n. sp.



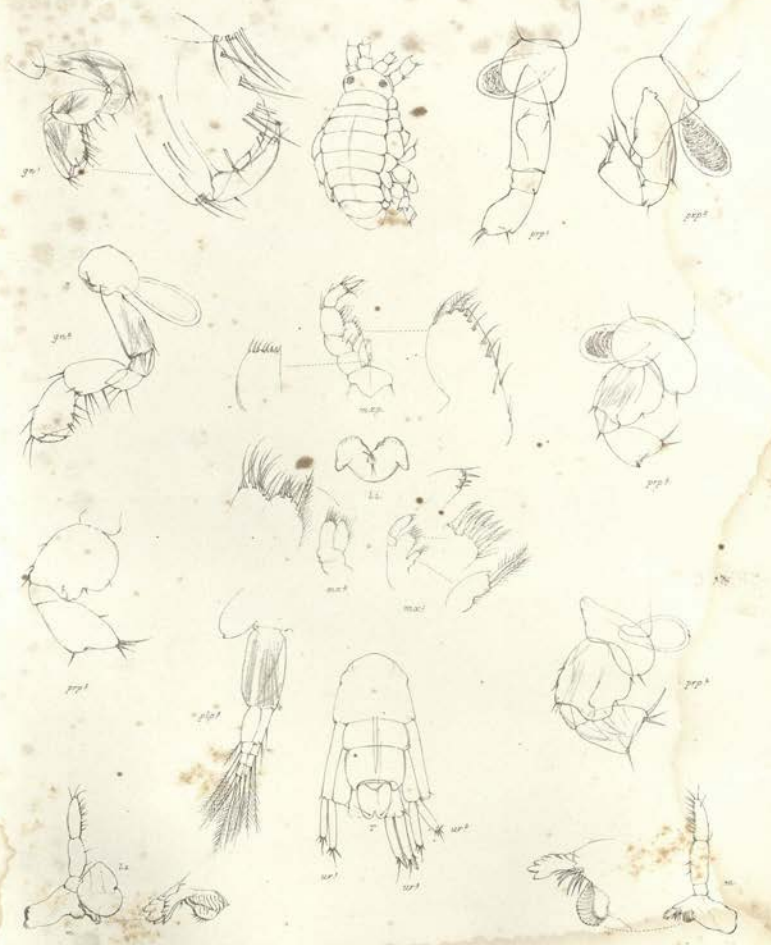
T.H.B. Stebbing del. F Huth, Lith^r Elm^t

ICILIUS DANÆ, n. sp.

T.H.H. Nicholson, del.

Hanhart & Clowes, Lith. Printers

CHOSROËS INCISUS, n. g. et sp.



T.R.R. Stebbing del.

Photo. Lith. Rider.

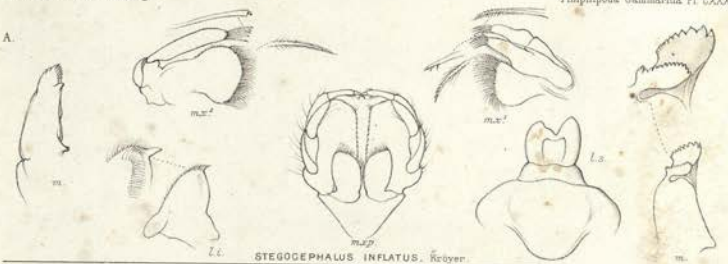
CHOSROËS INCISUS, n. sp.

T.H.R. Stebbing del.
G.H. Saunders lith.

West, Newman & Co. imp.

NEOHELA SERRATA, n.sp.

A.

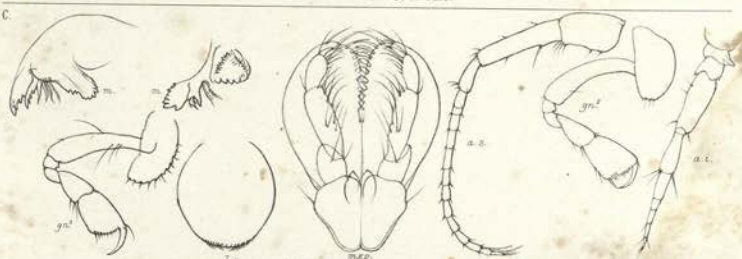


STEGOCEPHALUS INFLATUS, Kröyer.

B.

ŒDICEROS LYNCEUS, M. Sars.

C.

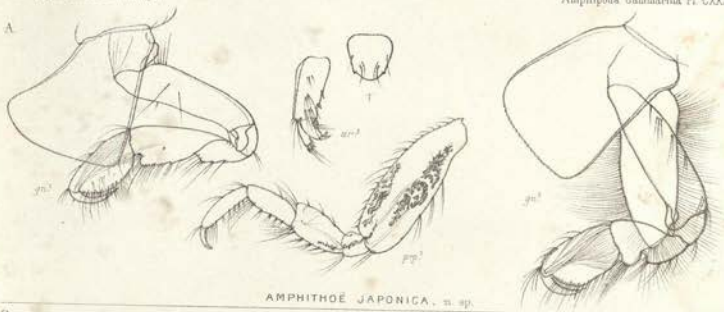


DEXAMINE FLINDERSI, n.sp.

D.

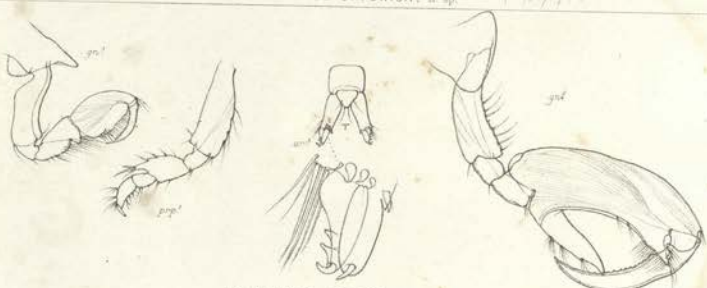
LAFYSTIUS STURIONIS, Kröyer.

A.



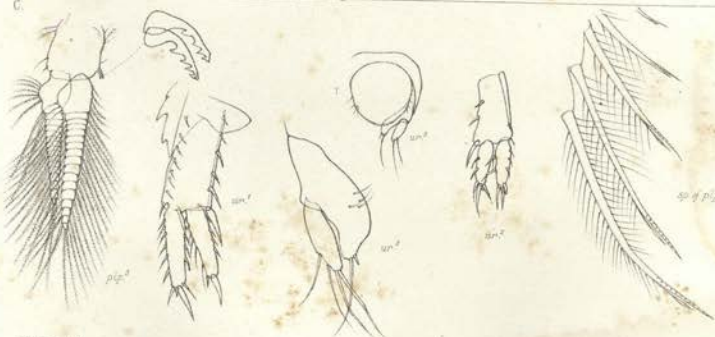
AMPHITHOË JAPONICA, n. sp.

B.



PODOCERUS VALIDUS, Dana. sp.

C.



UNCIOLA IRRORATA, Say.

DODECAS ELONGATA, Stebbing

DODECAS ELONGATA, Stebbing.

T.R.R. Stebbing del.

P. Huth, Lith. Kiel

CAPRELLINOIDES TRISTANENSIS, n. g. et sp.

T.H.H. Stubbing, del.

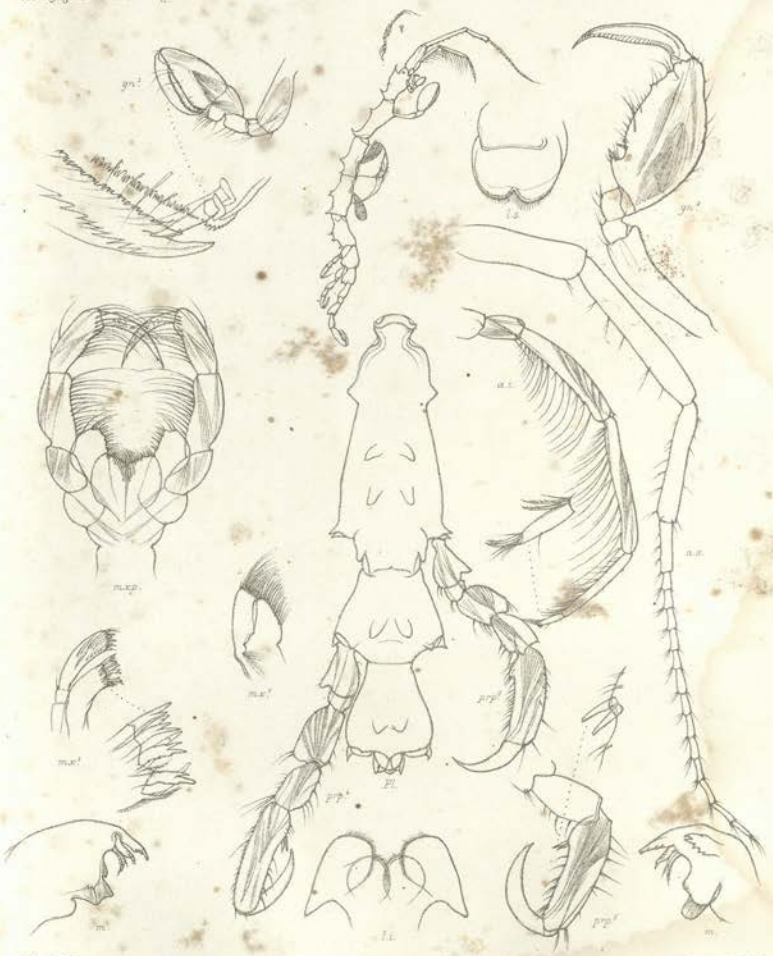
Hanhart & Cowan, Lith. Edin.

PROTELLOPSIS KERGUELENI, n. g. et sp.

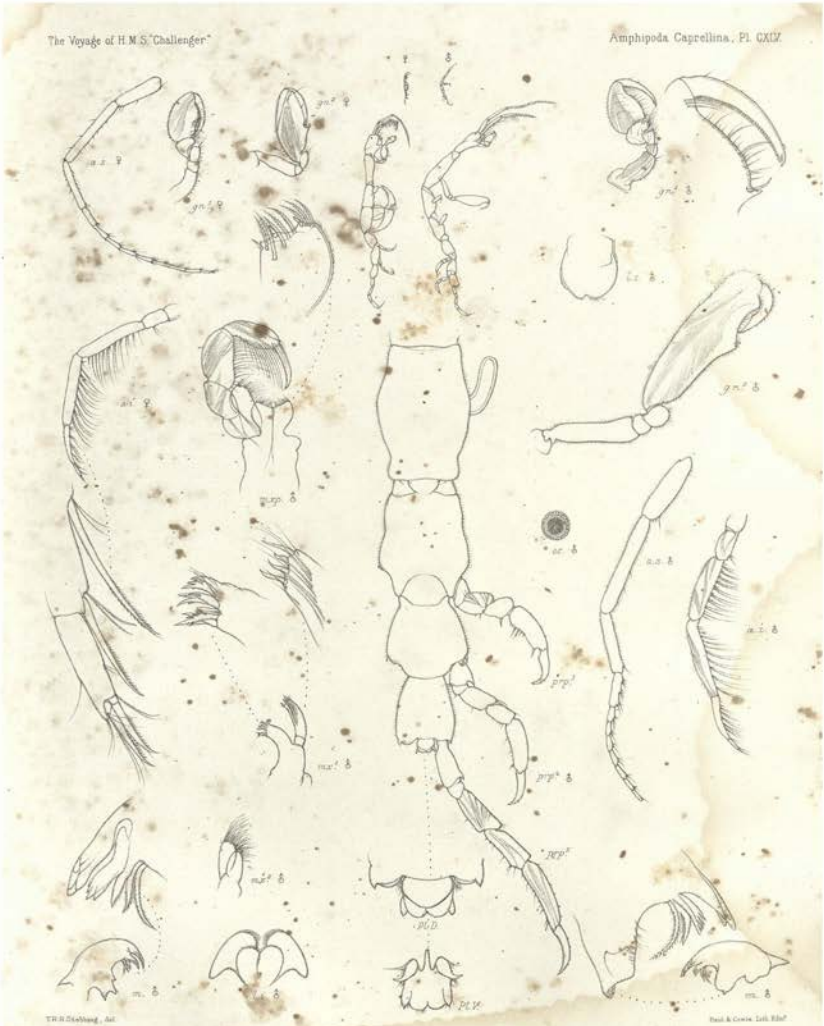
T.R.R. Stebbing, del.

ÆGINELLA TRISTANENSIS, n. sp.

Reid & Cowan, lith. Edinr.



CAPRELLA SCAURA, Templeton.



CAPRELLA DANILEVSKII, Czerniavski.

T.H.H. Stebbing, del.

J.T. Bowen Reed, Lith. Edin.r

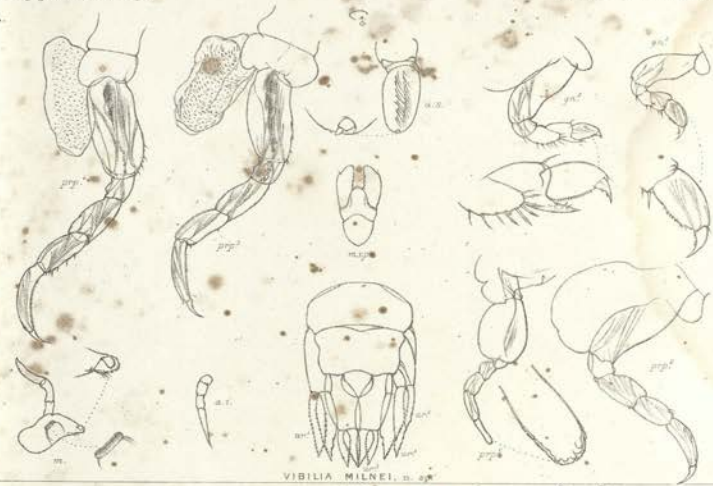
SCINA CORNIGERA. (Milne-Edwards.)

T.H.H. Scott and del.

VIBILIA PROPINQUA, n. sp.

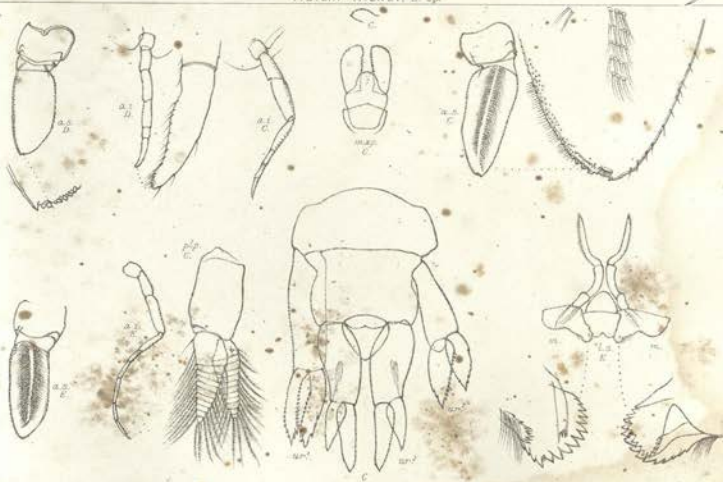
Reid & Cowie, lith. Edin.

A.



VIBILIA MILNEI, n. sp.

B.



T.R.R. Stebbing, del. Reid & Co

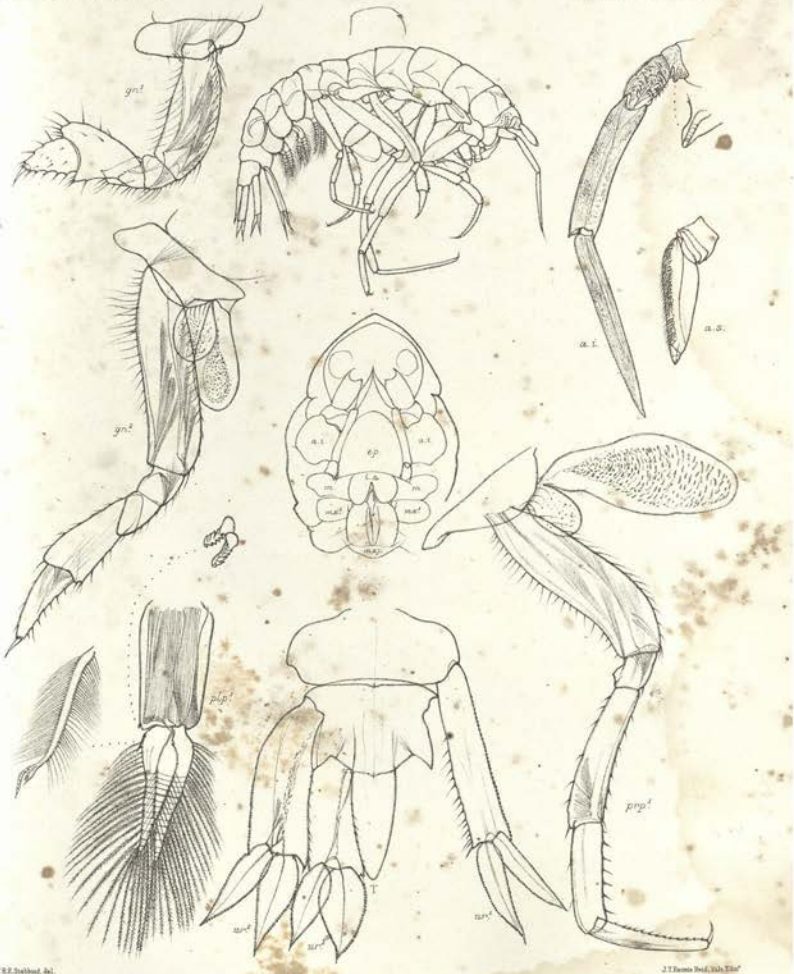
D. VIBILIA VIATOR, n. sp. C.D. VIBILIA, sp.

T.R.R. Stebbing, del. A. Hoen & Co. Lith. Edin.

VIBILIA AUSTRALIS, n. sp.

T.R.R. Stebbing, del.

VIBILIA ANTARCTICA, n. sp.



T.R.E.Stebbing, del.

J.T.Bames Beef, Vale Tilt.

LANCEOLA PACIFICA, n. sp.

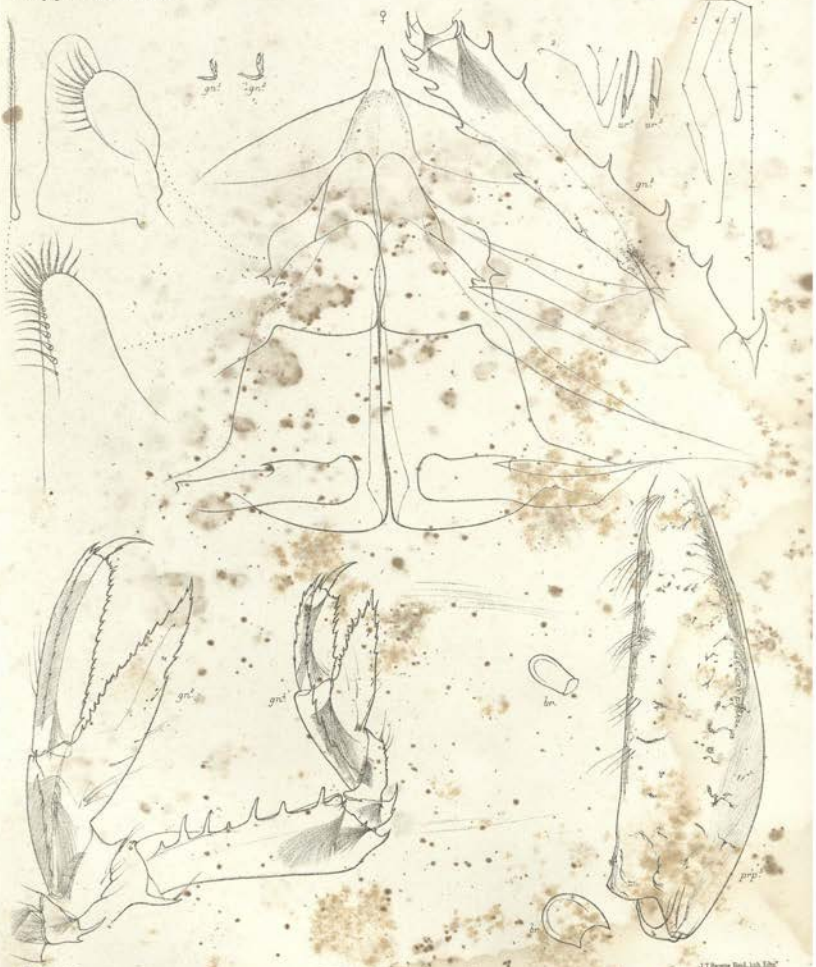
T.R.R.Stebbing, del. J.T.Bowen Rood, lith. Edin.

LANCEOLA PACIFICA, n. sp.

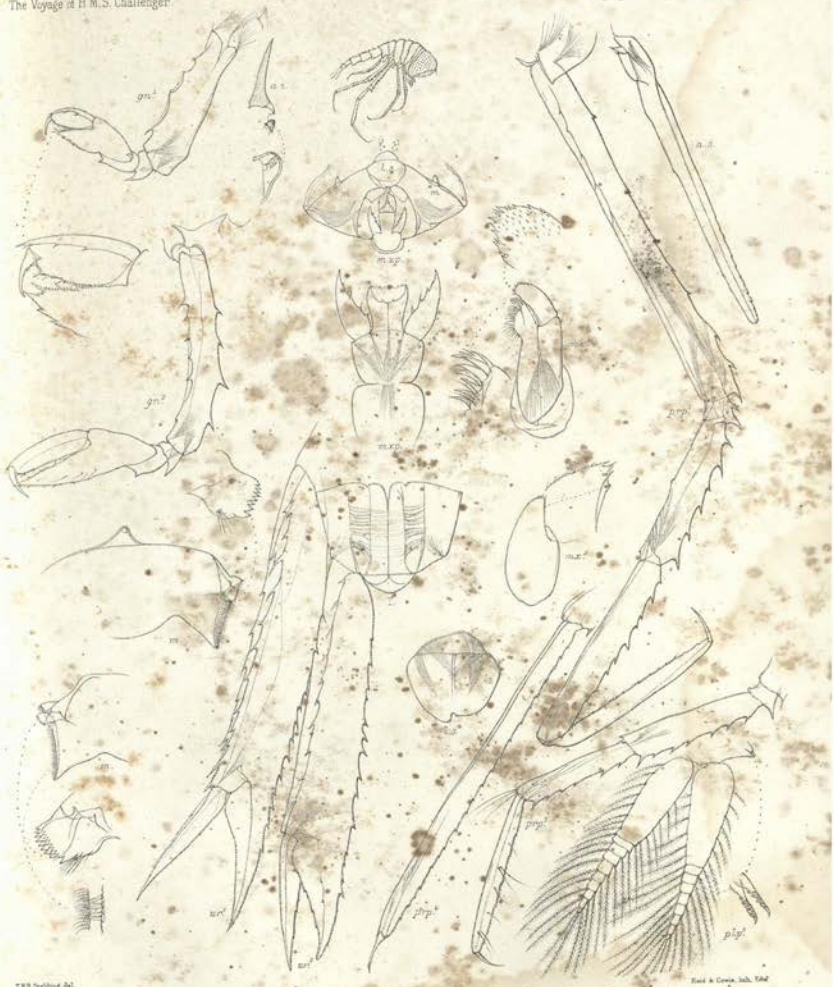
H.K. Dodshuy, del. J.T. Bonnin Ward, lith. Edin.

LANCEOLA ÆSTIVA, n. sp.

CYSTISOMA SPINOSUM (Fabricius).



CYSTISOMA SPINOSUM (Fabricius).



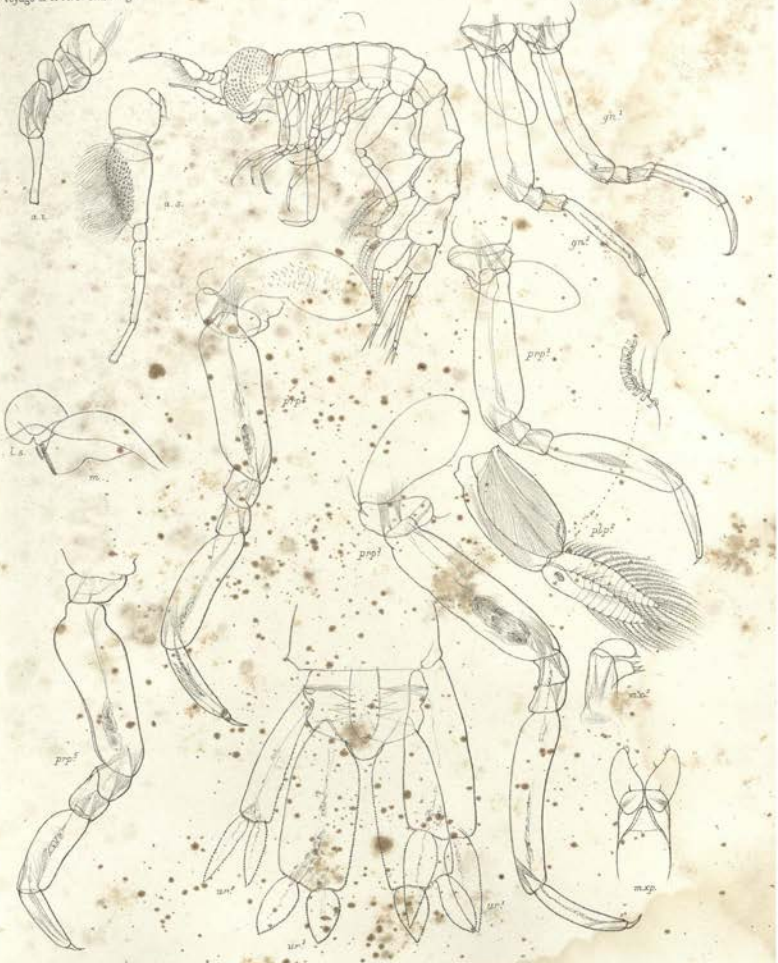
T.R.R.Stebbing del.

Reed & Cowie, lith. Edwd

CYSTISOMA SPINOSUM (Fabricius).

T.R.S. Stebbing del.

PARAPHRONIMA CUVIERI, n. sp.



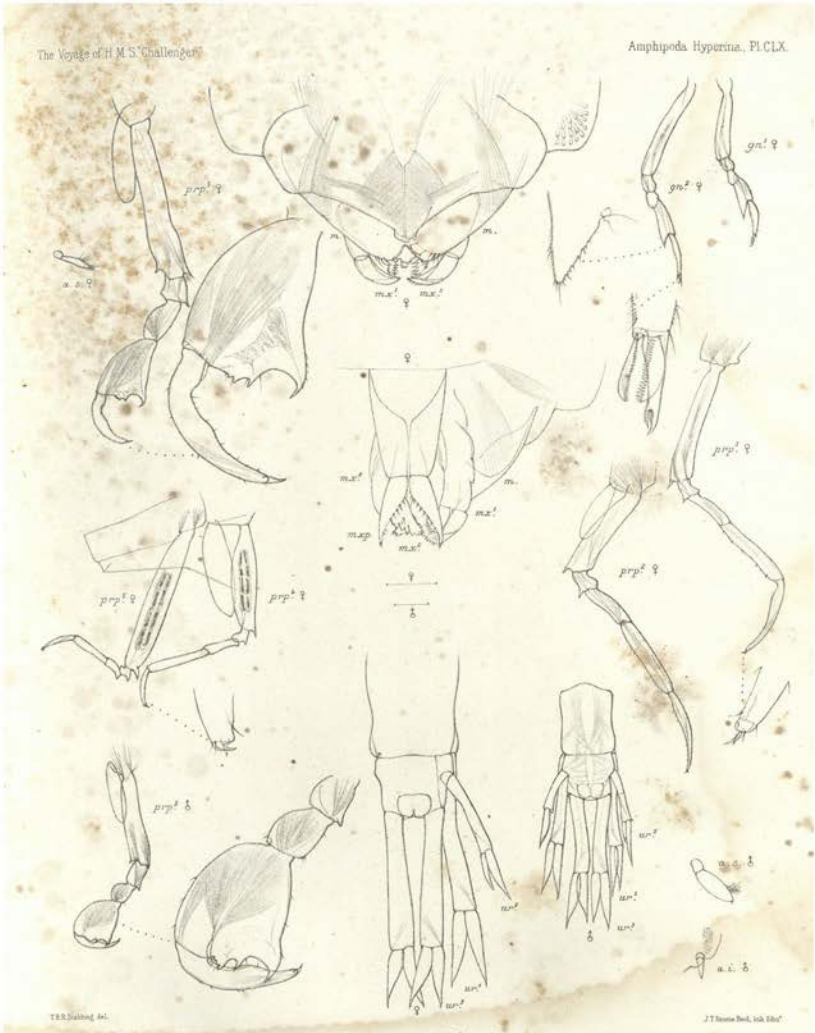
T.R.R. Stebbing, del.

Hanhart & Sons, lith. Edin.

DAIRELLA BOVALLII. n. sp.

T.R.R.Stebbing del. J.T.Bowen Prod. Ath. Edin.

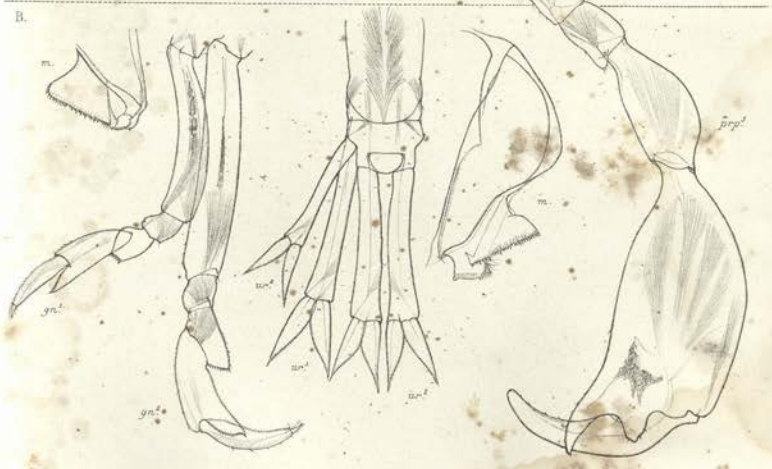
PHRONIMA PACIFICA, Streets.



T.R.R. Stebbing del. J.T. Bourne Reed, lith. Edin.

PHRONIMA ATLANTICA, Guérin.

PHRONIMA TENELLA, n. sp.



PHRONIMA NOVAE-ZEALANDIAE? Powell.

A.

B.

T.H.S. Sculp. Ad.

PHRONIMA MEGALODOUS, n. sp.

PHRONIMA SEDENTARIA, (Forskål).

J.T. Bourne Bird, lith. Edin.

PHRONIMELLA ELONGATA, Claus.

T.R.R. Stebbing, del. Hanhart & Comm. Lith.ers Edin.

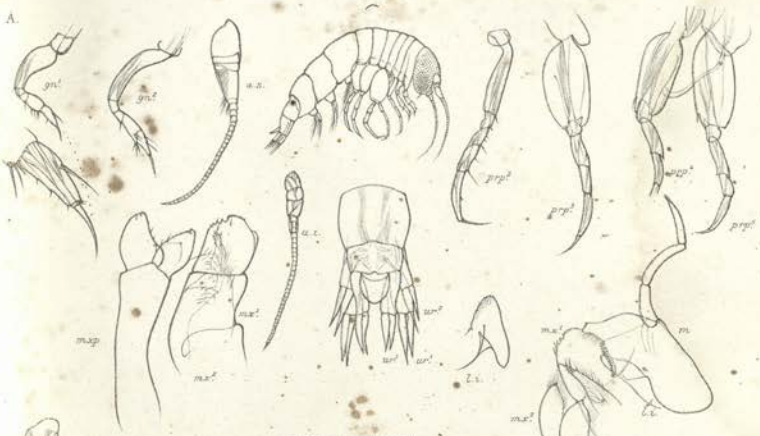
PHRONIMOPSIS TENELLA, n. sp.

T.R.S. Dobbing del.

HYPERIA SIBAGINIS, n. sp.

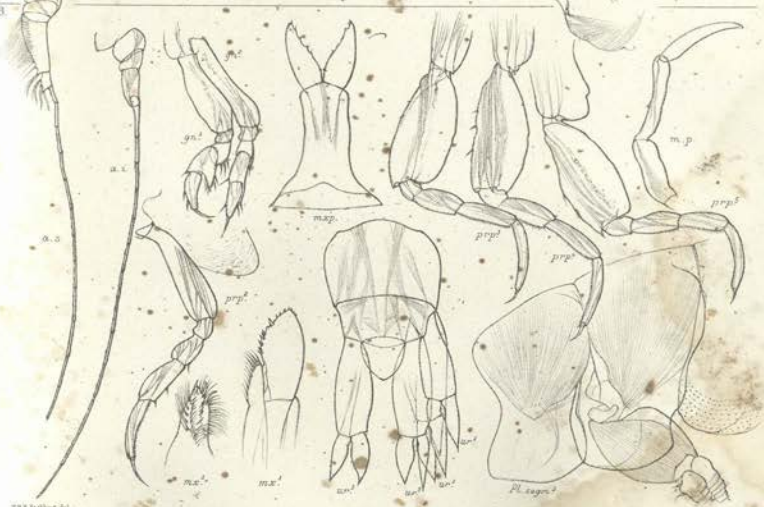
J.T. Bourne Read. Ink. Edin.

A.



HYPERIA LUZONI, n. sp.

B.



T.R.S. Stebbing, del. J.T. Bourne Reid, lith. Edinr.

HYPERIA PROMONTORII, n. sp.

HYPERIA DYSSCHISTUS, n. sp.

T.R.Dowling, del.

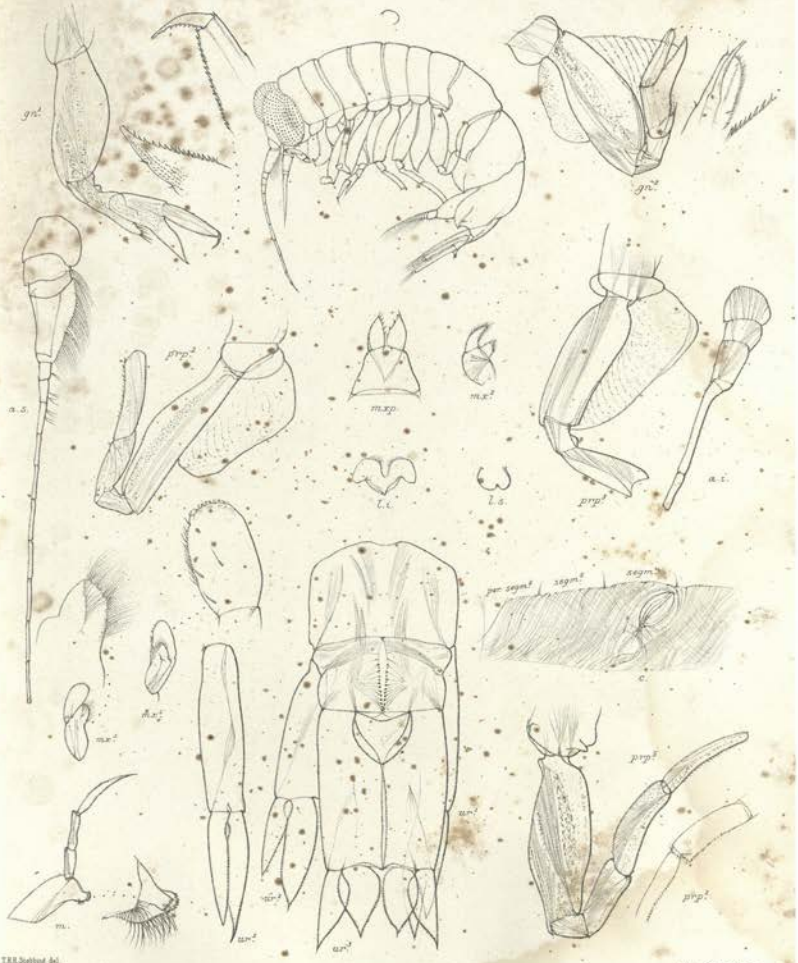
HYPERIA SCHIZOGENEIOS, n. sp.

J.T.Paterson Read. Imh. Edin.

HYPERIA GAUDICHAUDII, Milne-Edwards.

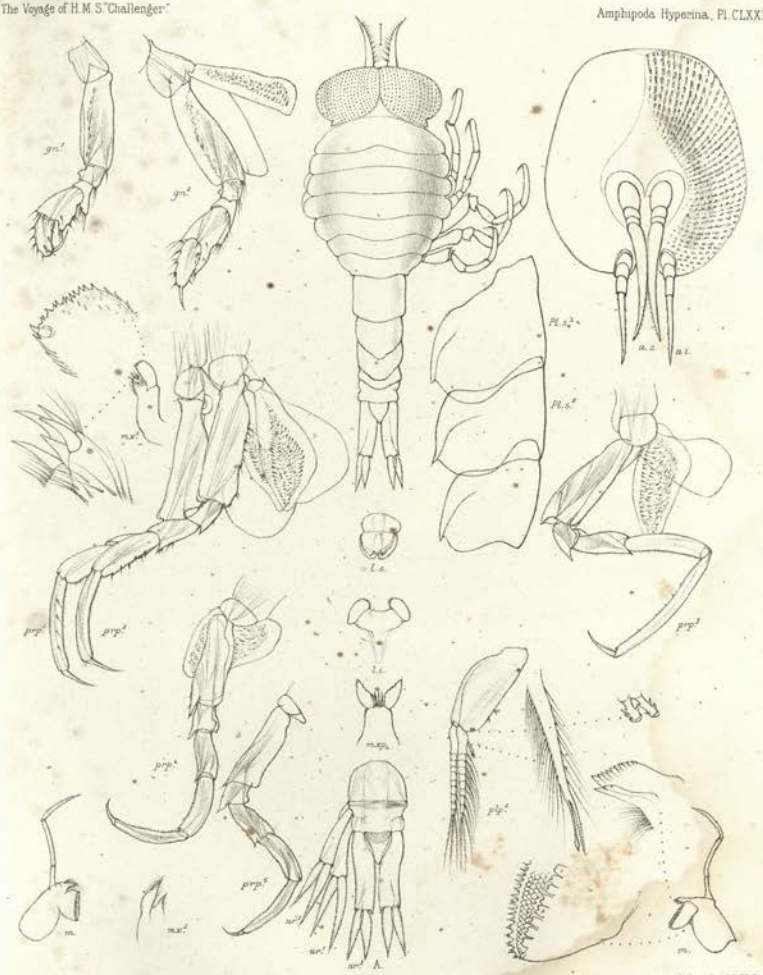
T.R.R. Stebbing del.

J.T. Bunce Regl. Sculp. Edin.



T.R.R.Stebbing del. J.T.Peeres Roul. Irish Exhn.

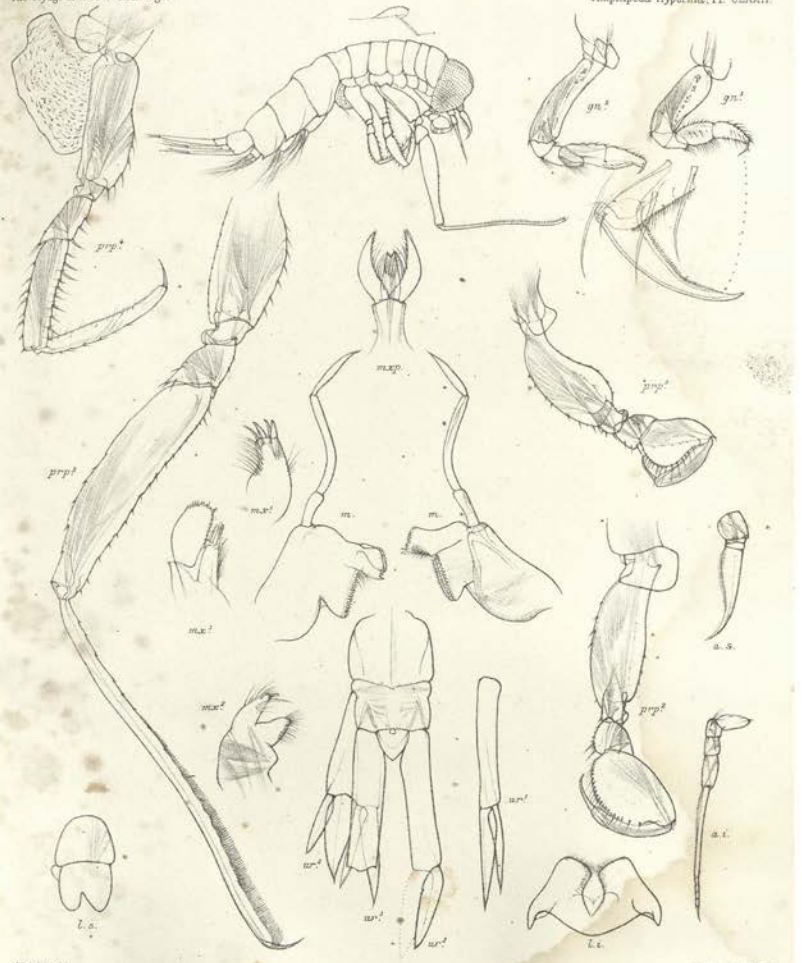
HYPEROCHE CRYPTODACTYLUS, n. sp.



T.R.S.Dobbing del.

J.J.Rousse Regd. lith. Edin.r

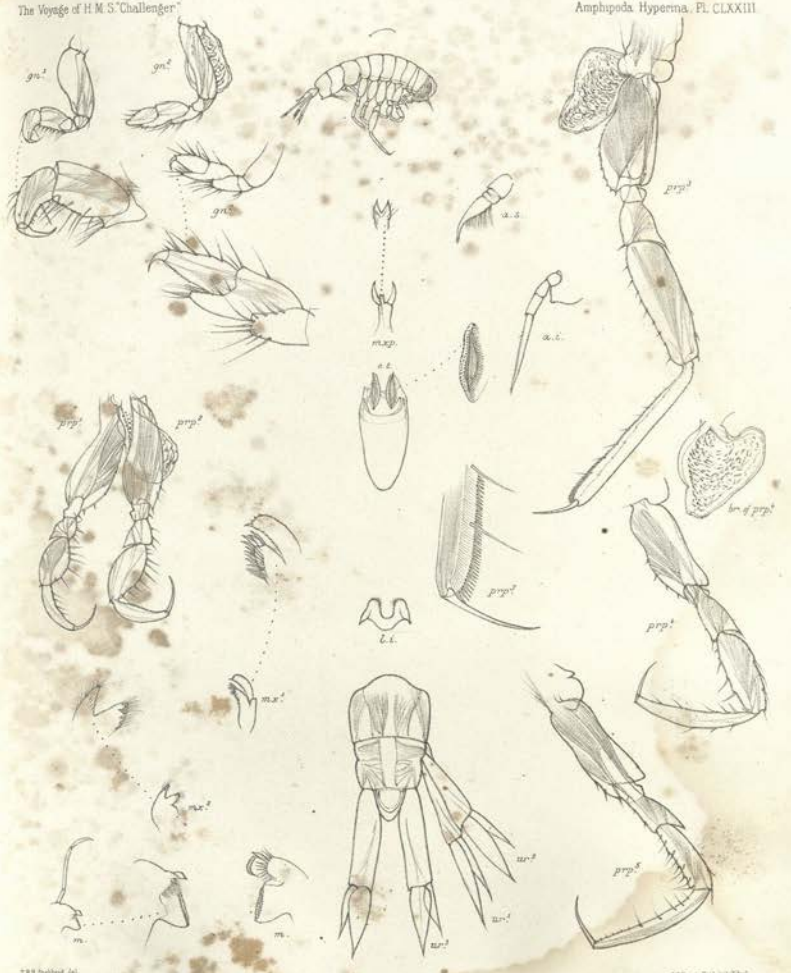
HYPERIELLA DILATATA, n. sp.



T.R.R. Stebbing del.

J.T. Burns Regd. lith. Edin.

EUTHEMISTO GAUDICHAUDII. (Guérin).



T.R.R. Stebbing, del.

EUTHEMISTO GAUDICHAUDII, Guérin.

J.J. Rousseau, lith. Edin.

T.R.R. Stebbing, del.

EUTHEMISTO THOMSONI, n. n.

J.T. Bowen Reed, Lith. Edin.

EUTHEMISTO THOMSONI, n. n.

PHRONSINA SEMILUNATA. Risso.

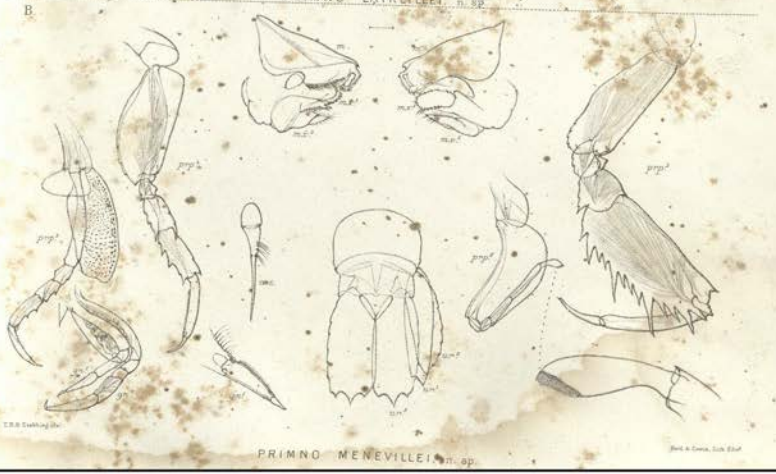
ANCHYLOMERA BLOSSEVILLII, Milne-Edwards

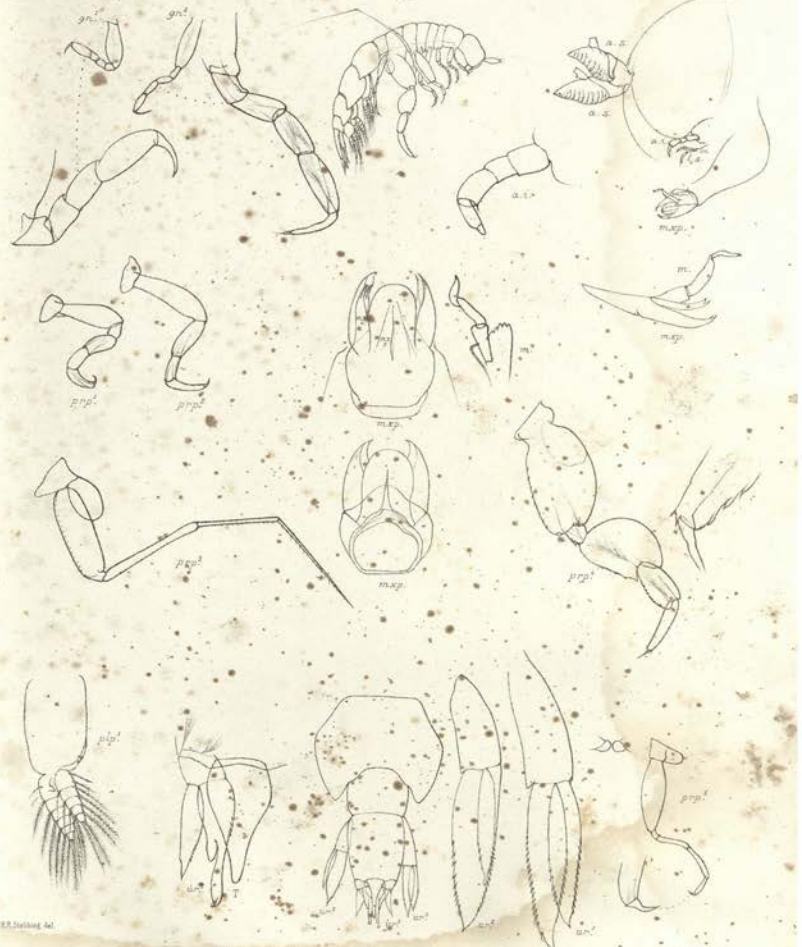
PRIMNO MACROPA, Guérin.

A.

a.s.C.
gn.1
gn.2
prp.1
prp.2
prp.3
a.i.
m.
a.s.
PRIMNO LATREILLEI, n. sp.

B.


m.
m.s.1
m.s.2
prp.1
prp.2
prp.3
prp.4
pp.
epm.
ep.1
ep.2
ep.3
PRIMNO MENEVILLEI, n. sp.



T.R.P. Stebbing del.

PHORCORRHAPHIS ZAMBOANGÆ, n. sp.

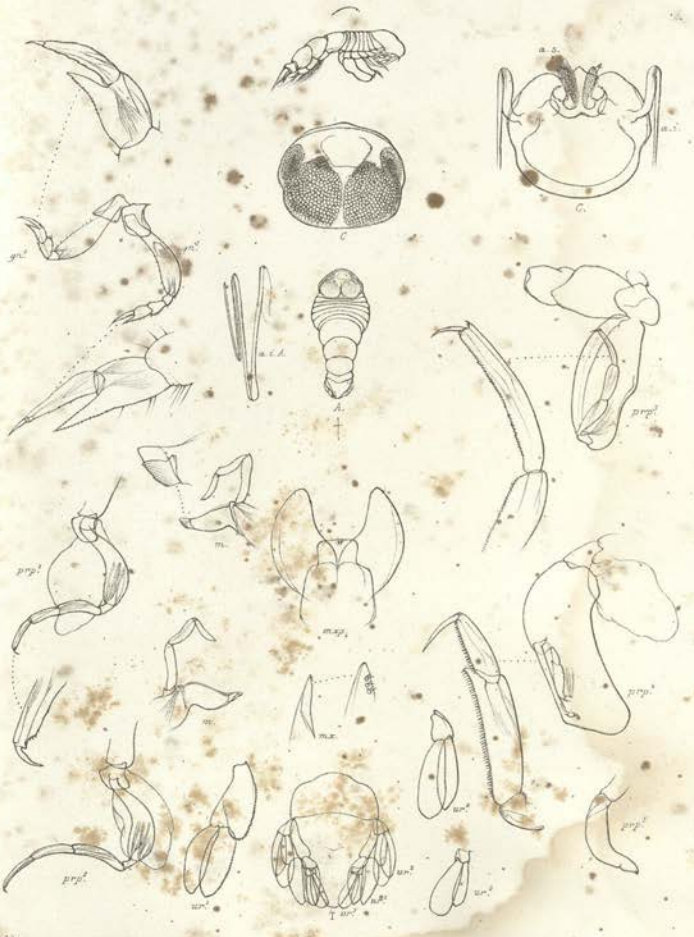
J. Thomas Bird, lith. Edinr.

T.R.S. Jeakins del.

PHORCORRHAPHIS EDWARDSI, n. sp.

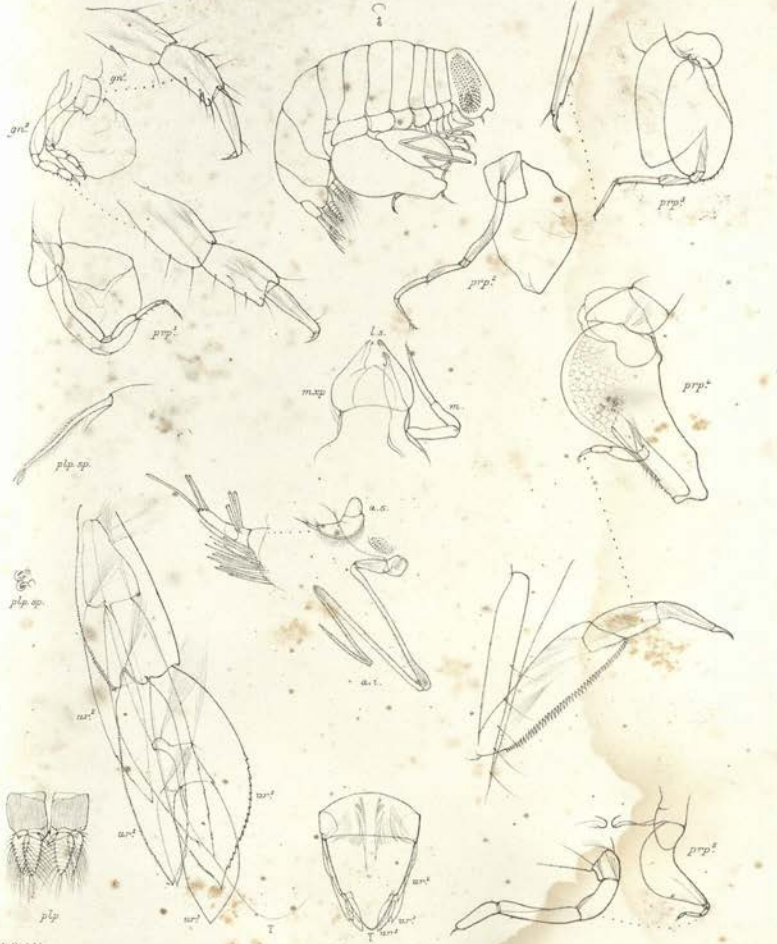
J.T. Bowen, Royal Irish Elite

PLATYSCELUS ARMATUS. (Claus).



HEMITYPHIS TENUIMANUS, Claus.

TETRATHYRUS MONCŒURI, n. sp.



T.H.S. Stebbing, del.

J.T. Norris Brad. Lith. Elbo.

PARASCELUS ZEBU, n. sp.

T.R.P. Dunning del.

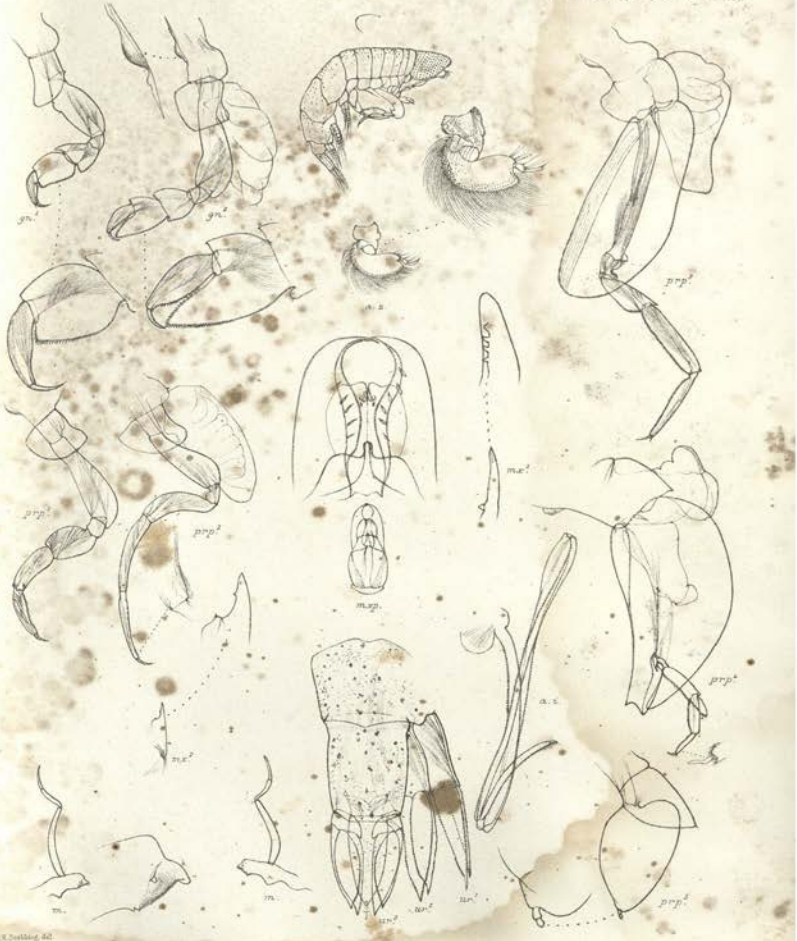
J.T. Bowen Prod. Lith. Edin.

*PRONOE CAPITO, Guérin.

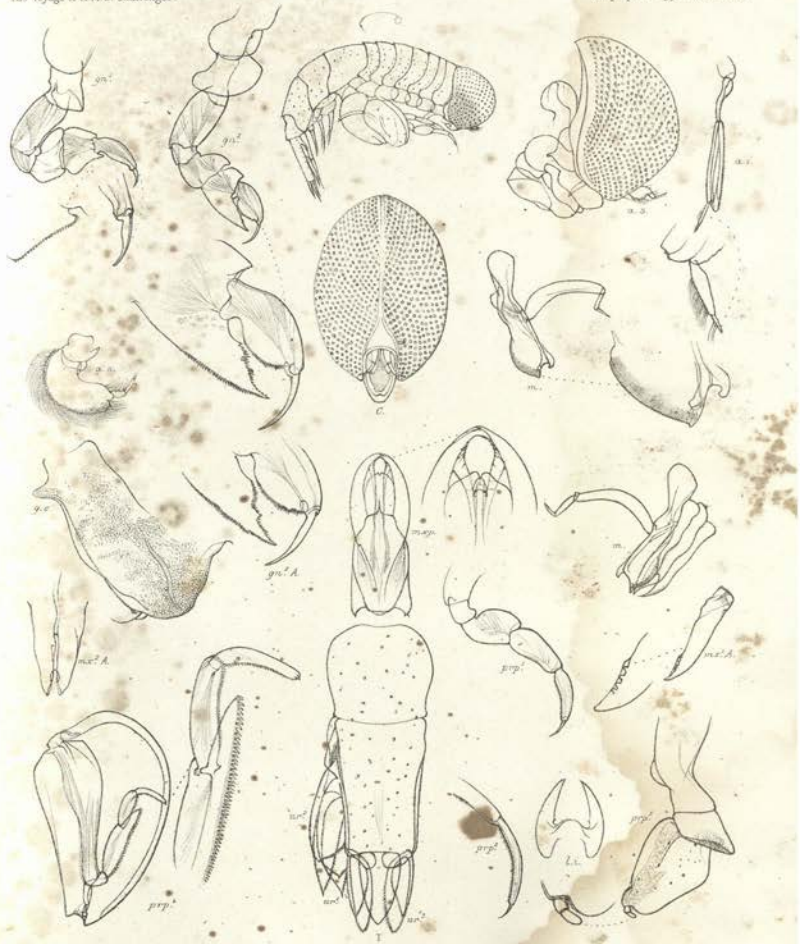
EUPRONOË INSCRIPTA, n. sp.

T.R.R. Stebbing del. J.T. Reeves Brad. lith. Edin.ʳ

EUPRONOË INTERMEDIA, n. sp.



PARAPRONOE CAMPBELLI, n. sp.



T.H.E. Stebbing, del.

PARAPRONOE CLAUSI, n. sp.

J.T. Thomas Prod. Roth. Edin.

PARAPRONOE CLAUSOIDES, n. sp.

T.R.R. Stebbing, del.

SYMPRONOË PARVA. (Stebbing).

J.T. Towse Read, lith. Edin.

A.

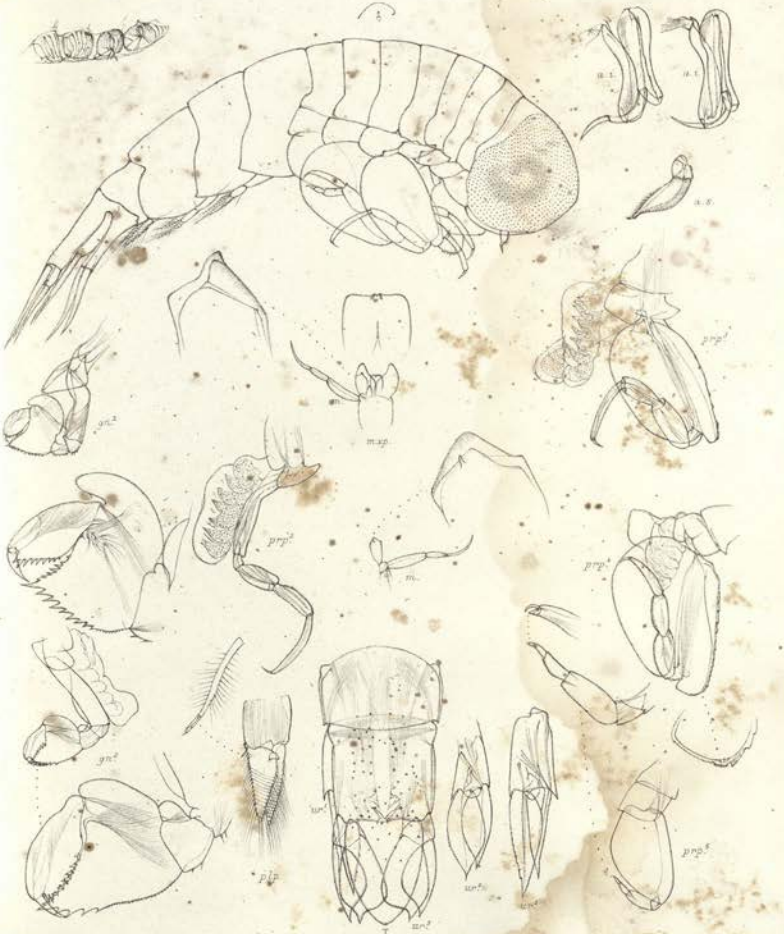
PARAPRONOE CRUSTULUM, Claus.

B.

T.R.S. Stebbing, del. J.T. Bonney, Impl. ad Nat. Lith.

SYMPRONOE PROPINQUA, n. sp.

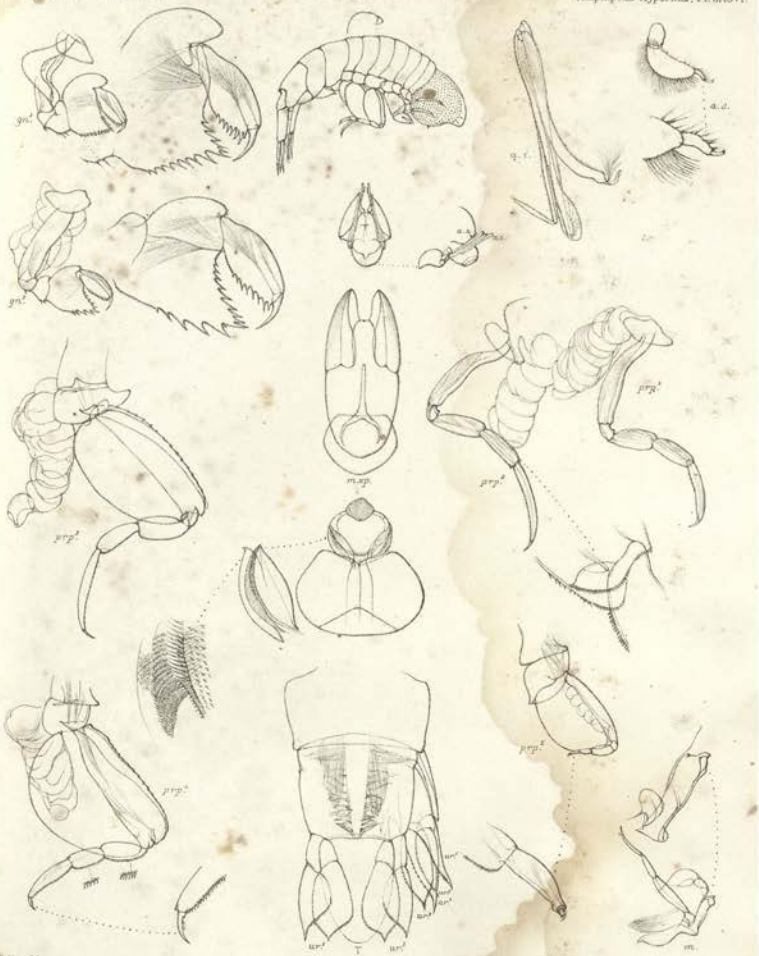
TRYPHANA BOECKI, n. sp.



T.H.S. Stebbing, del.

BRACHYSCELUS CRUSCULUM, Spence Bate.

J.T. Bowen Red. Ink Engr.



T.R.R. Stebbing, del.

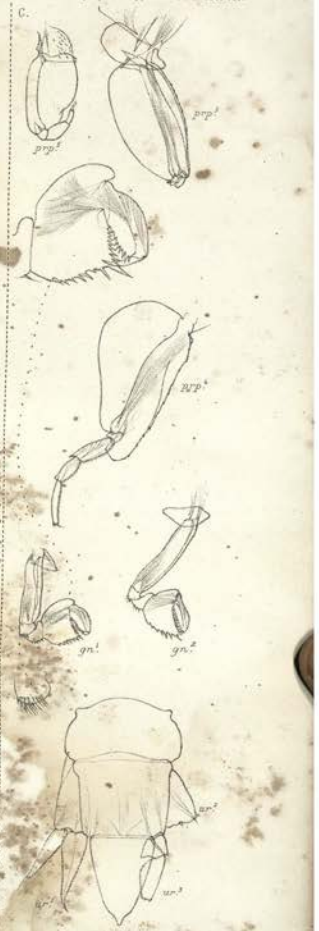
Reid & Crowe, Lith. Edin.

BRACHYSCELUS CRUSCULUM, Spence Bate.

A.

B.

C.

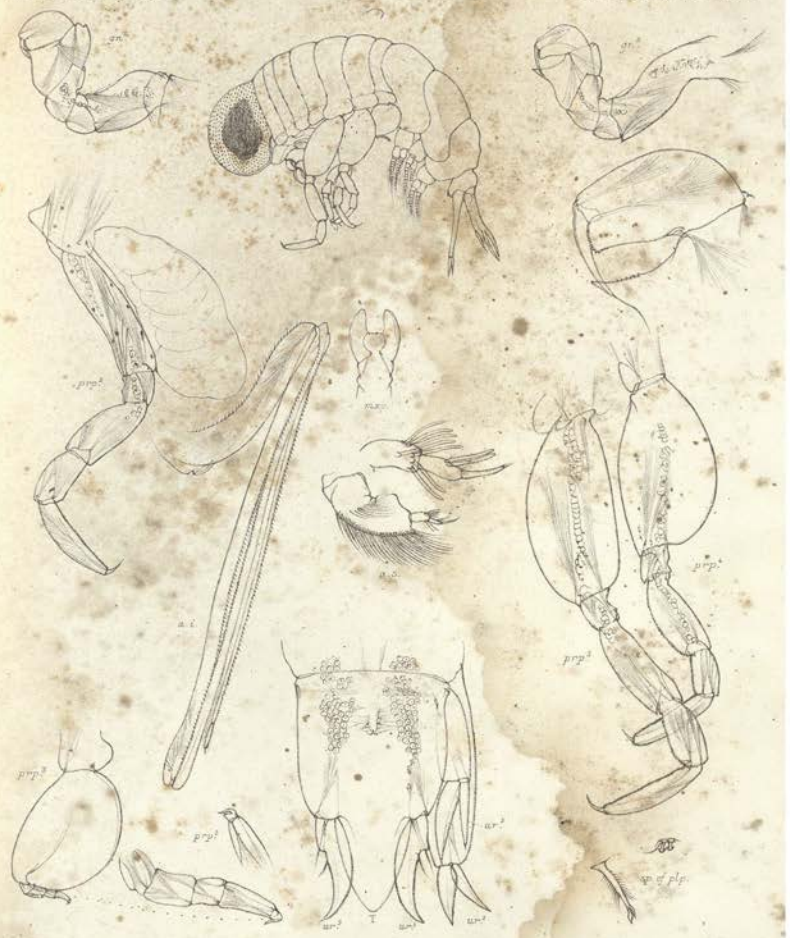


BRACHYSCELUS BOVALLII, n. sp.

BRACHYSCELUS LATIPES, n. sp.

BRACHYSCELUS ACUTICAUDATUS, n. sp.

THAMNEUS PLATYRRHYNCHUS, n. sp.



LYCÆA VINCENTII, n. sp.

T.R.R. Stebbing, del.

SIMORHYNCHOTUS ANTENNARIUS. (Claus).

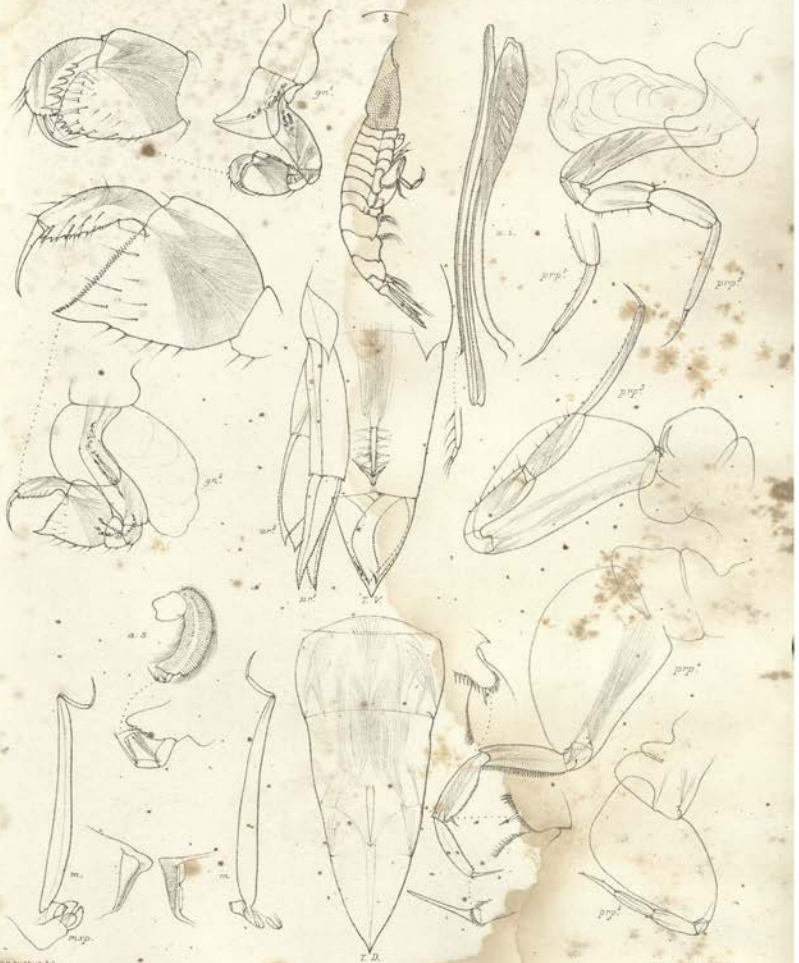
J.T. Newton Recd. Ink. Edin.

T.R.A.Starkweather del.

OXYCEPHALUS CLAUSI, Bovallius.

Reid & Comm. Ink. Edinr.

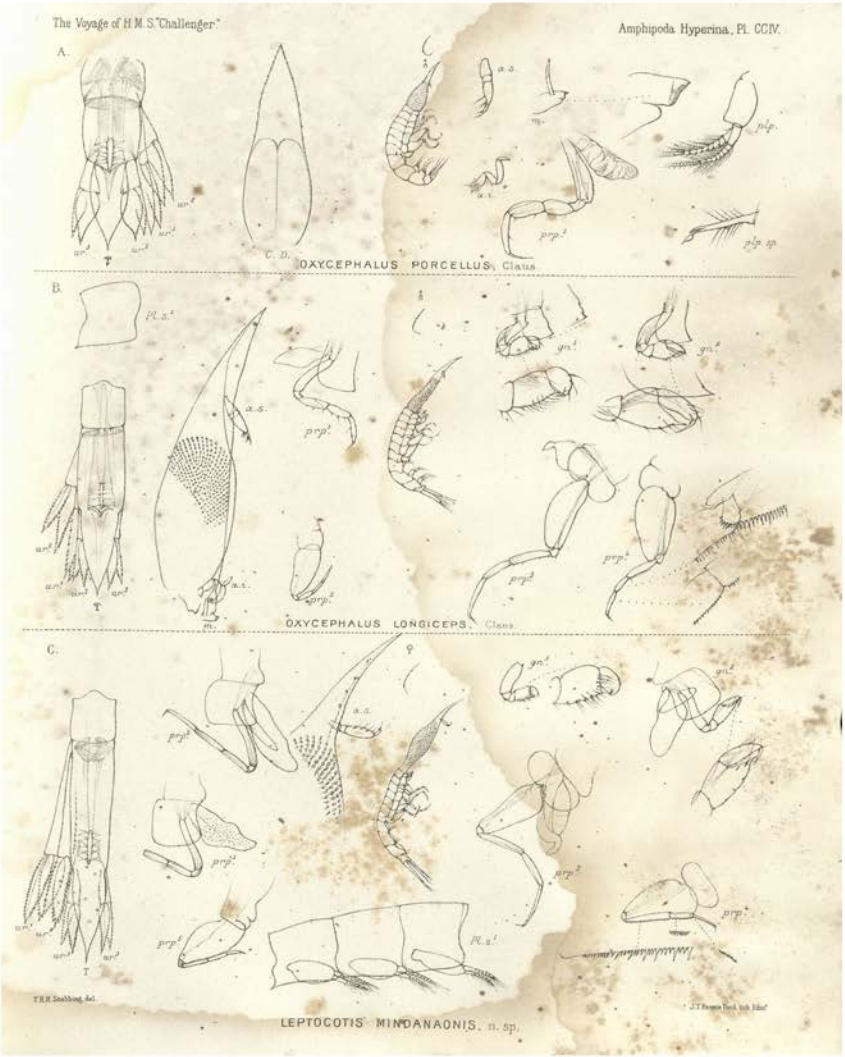
OXYCEPHALUS CLAUSI, Bovallius.

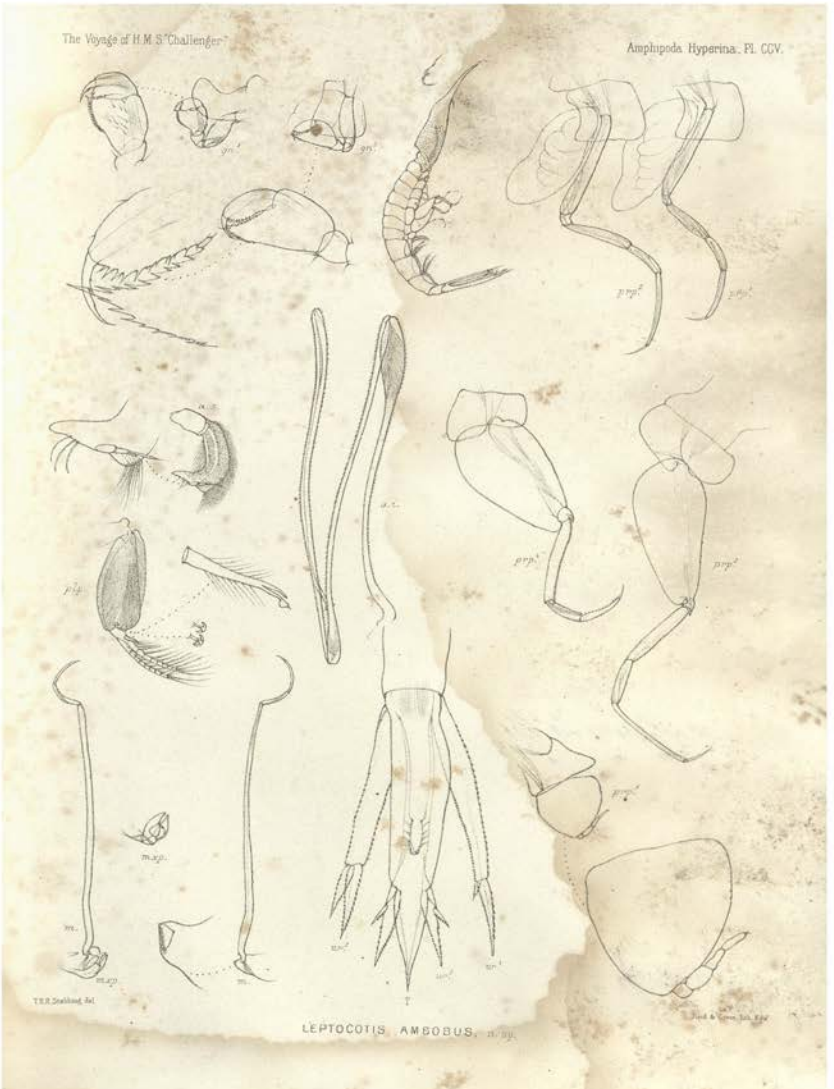


T.R.R. Stebbing, del.

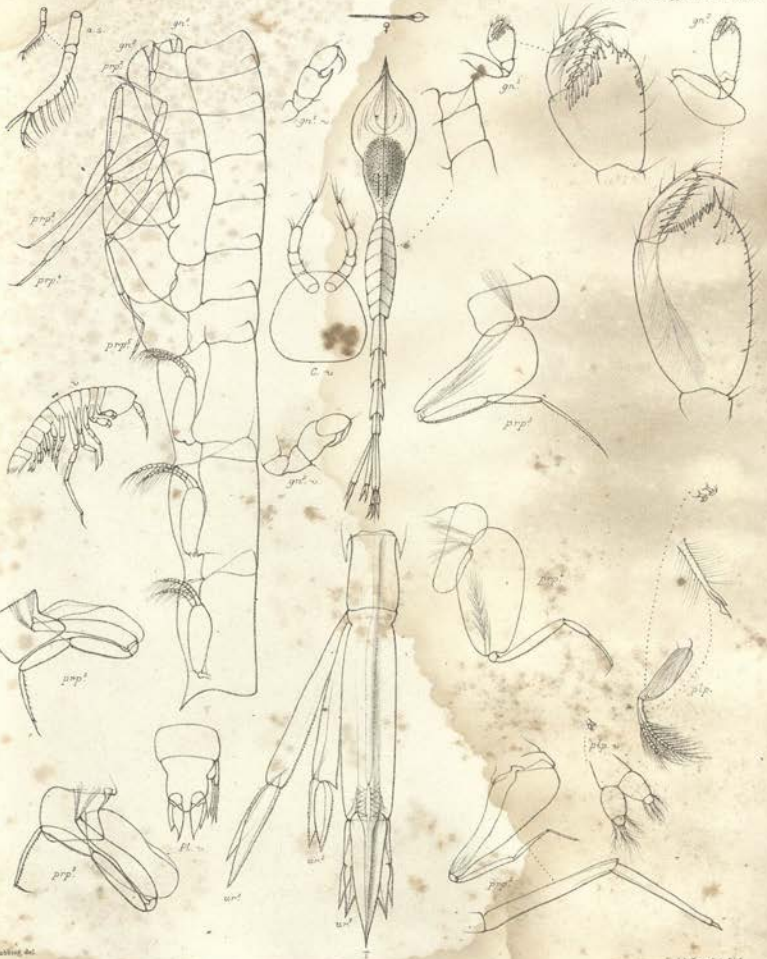
OXYCEPHALUS PORCELLUS, Claus.

J.T. Bowen Rose, lith. Edin.ʳ


A.
C. D.
a.s.
a.l.
m.
plp.
prp.¹
plp. sp.
OXYCEPHALUS PORCELLUS, Claus.
B.
Fl. s.¹
a.s.
prp.¹
prp.²
gn.¹
gn.²
prp.³
OXYCEPHALUS LONGICEPS, Claus.
C.
♀
a.s.
prp.¹
prp.²
prp.³
gn.¹
gn.²
Fl. s.¹
T
T.H.R. Stebbing, del.
J.T. Bowen, Ford. sch. Edinr.
LEPTOCOTIS MINDANAONIS, n. sp.



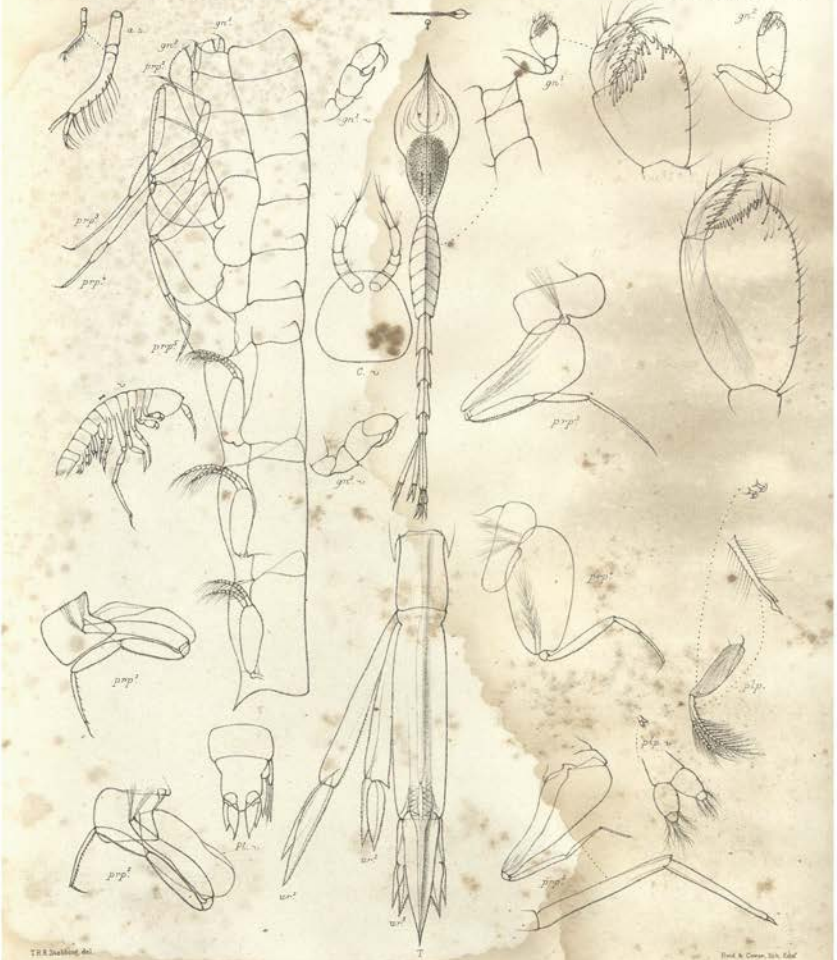
LEPTOCOTIS AMBOBUS.



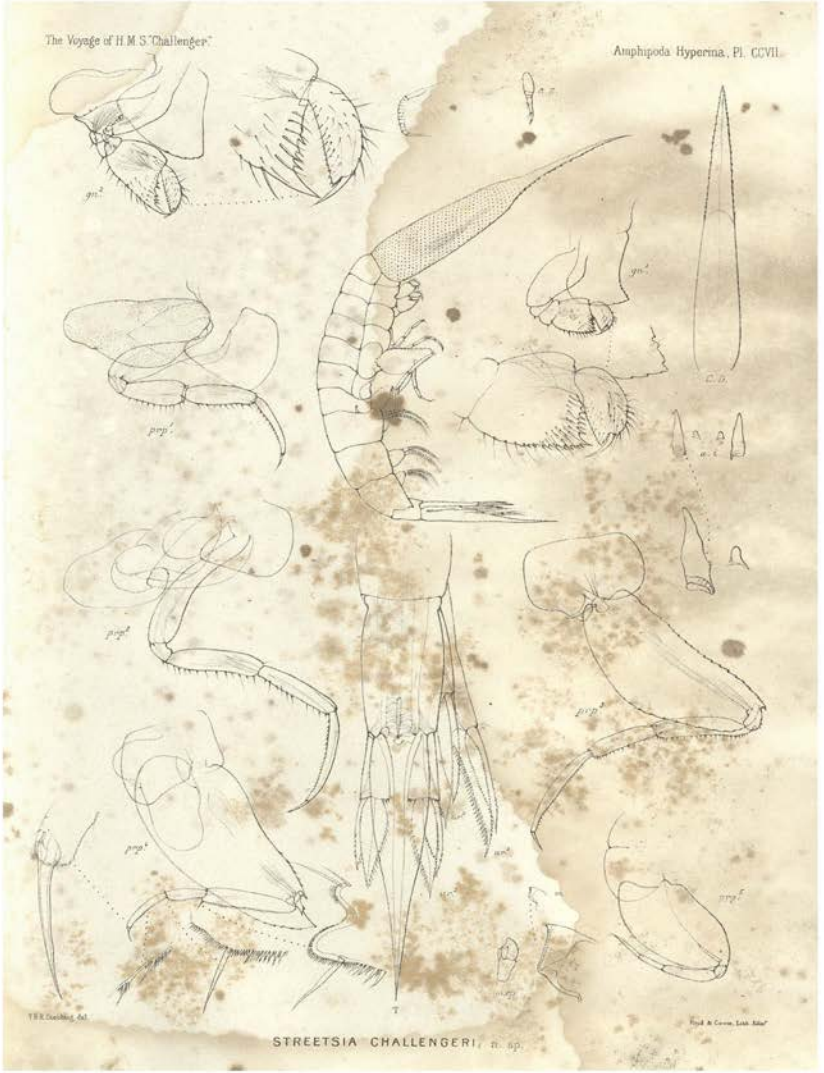
T.R.R. Stebbing del.

CALAMORHYNCHUS RIGIDUS, n. sp.

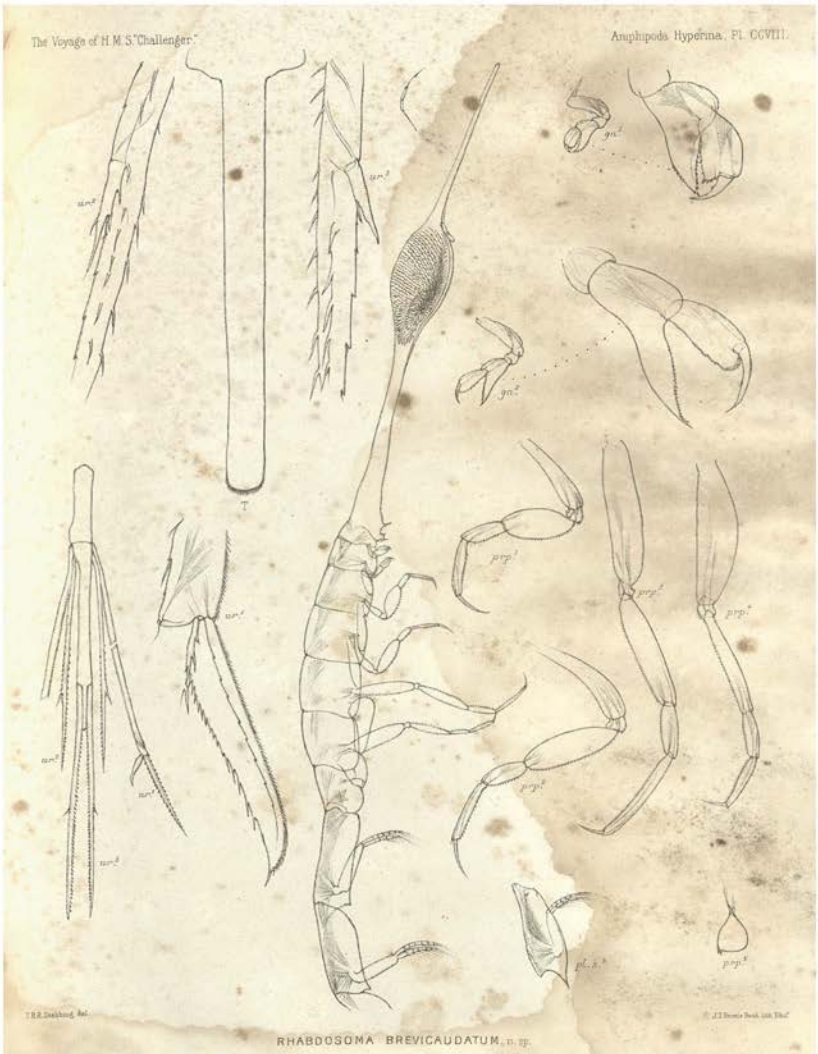
Hanf & Comp. lith. Edinr.



CALAMORHYNCHUS RIGIDUS, n. sp.



STREETSIA CHALLENGERI, n. sp.



RHABDOSOMA BREVICAUDATUM, n. sp.

A.

B.

C.

D.

PRIMNO ANTARCTICA, n. sp.

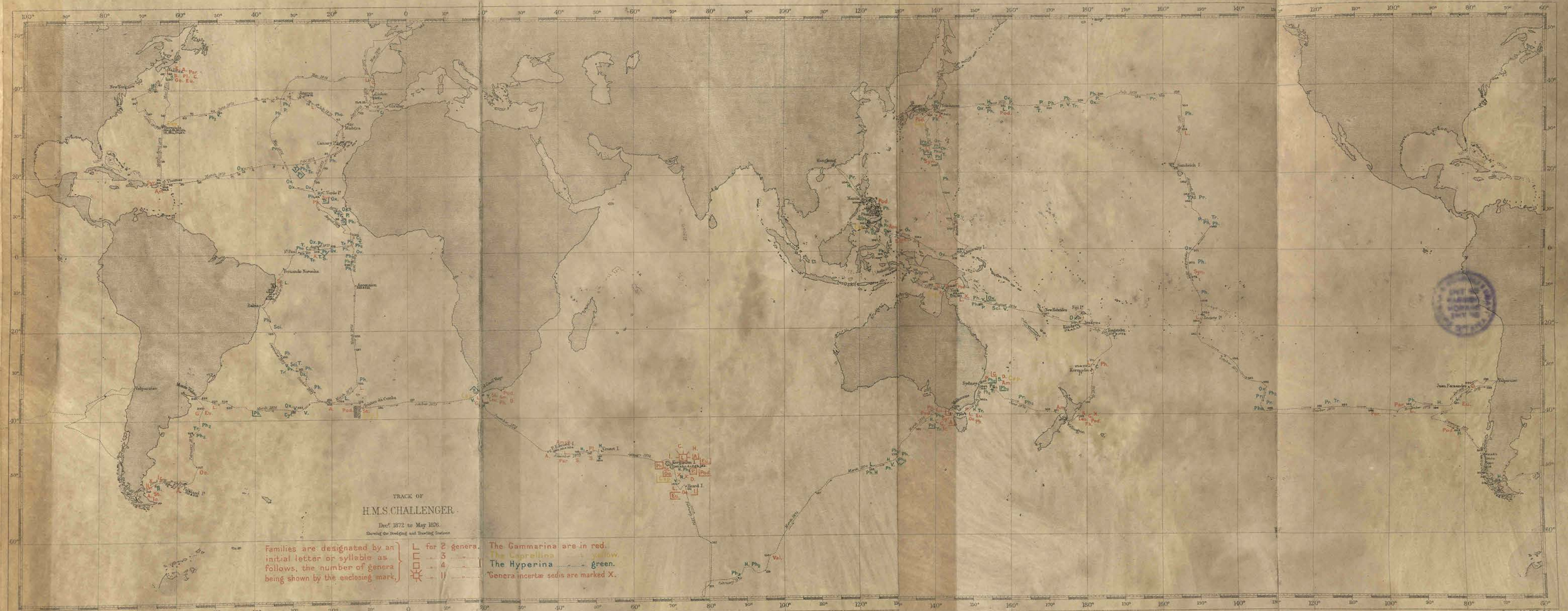
CYLLOPUS HOOKERI, n. sp.

LYCÆOPSIS PAULI, n. sp.

PARATYPHIS PROMONTORII, n. sp.

A.
B.
C.
D.
E.
TETRATHYRUS ARAFURAE, n. sp.
AMPHITHYRUS ORIENTALIS, n. sp.
SCHIZOSCELUS ORNATUS, Claus.
PARALYCÆA HOYLEI, n. sp.
THYROPUS DANÆ, n. sp.

MAP showing the distribution of the CHALLENGER AMPHIPODA according to Families.


TRACK OF
H.M.S. CHALLENGER
Dec.r 1872 to May 1876.
Shewing the Dredging and Trawling Stations
Families are designated by an initial letter or syllable as follows, the number of genera being shown by the enclosing mark,
L for 2 genera.
3
4
11
The Gammarina are in red.
The Caprellina yellow.
The Hyperina green.
Genera incertæ sedis are marked X.
Engraved by Malby & Sons

Amphipoda Gammarina.

Am.	Ampeliscidæ.	E.	Epimeridæ.	Ic.	Icilidæ.	Par.	Paramæsidæ	S.	Stegocephalidæ.
Amph.	Amphilochidæ.	Eu.	Eusiridæ.	Leu.	Leucothoidæ.	Ph.	Phoxocephalidæ.	St.	Stenothoidæ.
A.	Atylidæ.	G.	Gammaridæ.	L.	Lysianassidæ.	Pl.	Platyischnopidæ	Syn.	Synopiidæ.
C.	Corophiidæ.	H.	Helaidæ.	Oe.	Oediceridæ.	Pod.	Podoceridæ.	Syr.	Syrrhoidæ.
D.	Dulichiidæ.	I.	Iphimediidæ.	O.	Orchestidæ.	P.	Pontoporeiidæ.	Val.	Valettidæ.

Amphipoda Caprellina. Cap. Caprellidæ.

1888.

Amphipoda Hyperina.

Cyl.	Cyllopodidæ.	P.	Paraphronimidæ.	S.	Scelidæ.
C.	Cystisomidæ.	Pho.	Phorcidæ.	Sci.	Scinidæ.
H.	Hyperiidæ.	Ph.	Phronimidæ.	Tr.	Tryphanidæ.
L.	Lanceolidæ.	Phs.	Phrosinidæ.	T.	Typhidæ.
Ox.	Oxycephalidæ.	Pr.	Pronoidæ.	V.	Vibilidæ.

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